

**COMPARATIVE STUDY BETWEEN DIPSI AND
GCT FOR SCREENING OF GESTATIONAL
DIABETES MELLITUS**

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OBSTETRICS AND GYNAECOLOGY



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BONAFIDE CERTIFICATE

This is to certify that the dissertation entitled “comparative study between DIPSI and GCT for screening of gestational diabetes mellitus” is a bonafide work done by **Dr. E. SARANYA**, at the Department of Obstetrics and Gynaecology, Government Theni Medical College and Hospital, Theni during her post graduate study for MS Branch II Obstetrics and Gynaecology (2013-2016) from August 2014 - July 2015. This dissertation submitted to Dr. MGR Medical University in partial fulfillment of the University rules and regulations for the award of MS Degree in Obstetrics and Gynaecology.

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This is submitted to **The Tamil Nadu Dr. M.G.R. Medical University, Chennai** in partial fulfillment of the requirement for the award of M.S. Degree Examination (Obstetrics and Gynaecology) to be held in April 2016.This record of work has not been submitted previously by me for the award of any degree or diploma from any other university.

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INTRODUCTION

The most common endocrine disorder to complicate pregnancy is Diabetes. Gestational diabetes mellitus is defined as carbohydrate intolerance with onset/recognition during pregnancy. There is increase in incidence worldwide with a range of 0.4-10% (Dornhorst et al.1998 ⁽¹⁾).

Since the discovery of insulin more women are able to carry their pregnancies to term, though stillbirths, birth defects are high. The incidence of GDM is higher in India and ranges from 10-17.8%. A national survey conducted recently reported the prevalence of Impaired Glucose Tolerance (IGT) in age group between 20-29 yrs as 12.2% and between 30-39 yrs as 15.3% respectively (Seshiah, et al ⁽²⁾). The prevalence of GDM in urban, semi-urban and rural areas are 17.8%, 13.8% and 9.9% respectively in a community based survey by Seshiah et al., 2008 ⁽³⁾.

GDM has adverse outcomes of pregnancy including polyhydramnios, preeclampsia, macrosomia and shoulder dystocia. Long term risk includes childhood obesity and type II DM in mother and offspring (Wilkins Huag L, et al ⁽⁴⁾, Metzger et al ⁽⁵⁾), which warrants an effective screening and diagnostic test for GDM.

Over years there has been many controversies regarding best screening and diagnostic test for GDM. The testing for GDM by appropriate method at the

earliest, detects women who need treatment with either diet alone or a combination of diet with insulin therapy. This helps in prevention of maternal morbidity and mortality.

All complications of GDM are potentially preventable with early recognition and intense monitoring. Ethnically Indian women are prone to develop glucose intolerance by eleven fold when compared to whites necessitating universal screening during pregnancy. Hence, an appropriate screening test for GDM has been much emphasized.

A study is being performed on 1000 antenatal patients attending outpatient department of Obstetrics and Gynaecology, Government Theni Medical College and Hospital to compare the efficacy of DIPSI (Diabetes in Pregnancy Study Group India) with GCT method (Glucose Challenge Test) of screening of Gestational diabetes mellitus.

AIM OF STUDY

This study compares the efficacy of DIPSI with GCT in the screening of Gestational diabetes mellitus in general population.

REVIEW OF LITERATURE

In India, we need a simple procedure which is economical and feasible. A study was conducted to validate the efficacy of Diabetes in Pregnancy Study Group India (DIPSI) and concluded that DIPSI criteria requires one blood sample to estimate plasma glucose which aids in the diagnosis of GDM. This offers a cost effective single step procedure for the diagnosis of GDM.

In February 2010, the 5th National Conference of Diabetes in Pregnancy Study Group India (DIPSI) guidelines stated a single step procedure for the diagnosis of abnormal glucose tolerance during pregnancy in our community.

The Diabetes in Pregnancy study group India (DIPSI) now recommends practise guidelines for diagnosis of GDM in our country. Due to high prevalence of GDM, screening is essential in our country. DIPSI recommends that as a pregnant woman walks into antenatal clinic, she has to be given 75gram oral glucose and a 2 hrs blood glucose value (venous sample) is collected. This one step procedure of challenging a pregnant woman with 75 gram oral glucose is simple and feasible. Screening is recommended between 24-28 weeks gestation.

In 2015, a study was conducted by Prathiba et al⁽⁶⁾ on Comparative study of efficacy of DIPSI and O' Sullivan's method of screening for GDM. This study was conducted in 200 antenatal patients. Out of 100 patients in each group

17% had abnormal glucose challenge test in GCT group and 24% had abnormal glucose tolerance in DIPSI group. The incidence of abnormal glucose tolerance was maximum in the age group of 21-14 yrs, with a BMI of > 25kg/m². They concluded that a high prevalence of GDM was obtained with a simple, economical and feasible method of single step glucose challenge test with 75 gram oral glucose using DIPSI method.

3.1 PREGESTATIONAL DIABETES

Pregestational diabetes is defined as diabetes that antedates pregnancy.

White's classification (White P., 1949⁽⁷⁾) of diabetes in pregnancy is based on:

- Age of onset.
- Duration of disease.
- Patient condition before pregnancy.
- Complication.

White's classification of Diabetes in pregnancy

DIABETES	DESCRIPTION
A	Euglycemia maintained by diet alone: onset may be of any age and of any duration
B	Onset at 20 years of age or older and duration of Less than 10 years.
C	Onset at age of 10-19 years or duration of 10-19years.
D	Onset below 10 years of age, duration of over 20 year, background retinopathy or hypertension.
F	Nephropathy with proteinuria exceeding 500mg/day.
R	Proliferative retinopathy or vitreous hemorrhage.
RF	Criteria for classes R and F coexist.
H	Atherosclerotic heart disease clinically evident.
T	Prior to renal transplantation

GESTATIONAL DIABETES MELLITUS (GDM)

Gestational diabetes mellitus is defined as carbohydrate intolerance of variable severity with first onset or first recognition during present pregnancy⁽⁸⁾. It applies irrespective of whether insulin is used for treatment or not or the condition persists after delivery.

It results from sluggish first phase of insulin release and in addition to excessive resistance to action of insulin on glucose utilization due to placental hormones like placental lactogen, prolactin, progesterin, cortisol. Women with diabetes have lower insulin response at 30 to 60 minutes after oral glucose compared to normal pregnant woman.

Insulin resistance plays a role particularly in fasting state by switching maternal metabolism from carbohydrate to lipids, thereby ensuring adequate supply of glucose to foetus. In fed state, insulin secretion reverts back maternal metabolism to utilize carbohydrate.

In a normal woman, insulin secretion increases over and above insulin resistance and thereby maintains her glycaemic levels. Whereas a pregnant woman is not able to increase her insulin secretion to overcome insulin resistance and thereby develops gestational diabetes.

3.3 GESTATIONAL GLUCOSE INTOLERANCE (GGI)

Instead of impaired glucose tolerance (IGT), the term "Gestational Glucose Intolerance (GGI)" can be used to indicate pregnant women with 2 hr PG between 120 mg/dl to 140 mg/dl. The term 'IGT' during pregnancy may be confusing, as the same terminology is used in non-pregnant adult with 2 hr PG >140 mg/dl. This level is also used to diagnose GDM by WHO criteria. Hence, we label 2 hr value >140mg/dl as GDM and a 2 hr PG value > 120 mg/dl as GGI. The term IGT should not be used to denote any abnormal value during pregnancy. The figures suggested are as follows:

With 75 gram OGTT (WHO criteria)

	In Pregnancy	Outside Pregnancy
2 hr >200 mg/dl	Diabetes	Diabetes
2 hr 140-199mg/dl	GDM	IGT
2hr 120-130mg/dl	GGI	Normal

A study using computer based technology suggests that the patients with elevated blood glucose value during glucose tolerance testing have high blood glucose under ambulatory condition, which correlated with foetal macrosomia.

INSULIN SECRETION IN PREGNANCY (NORMAL GLUCOSE TOLERANCE)

Insulin secretion is increased in both pregnant women with normal glucose tolerance and in women with GDM, but glucose stimulated insulin secretion is increased more in women with normal glucose tolerance.

During OGTT, the peak insulin response occurs late in women with GDM when compared to women with normal glucose tolerance.

First phase insulin response to IV glucose increases more in pregnant women with NGT when compared to women with GDM.

Increase in second phase insulin response is similar in pregnant women with NGT and those with GDM.

ETIOLOGY AND PATHOGENESIS OF GDM

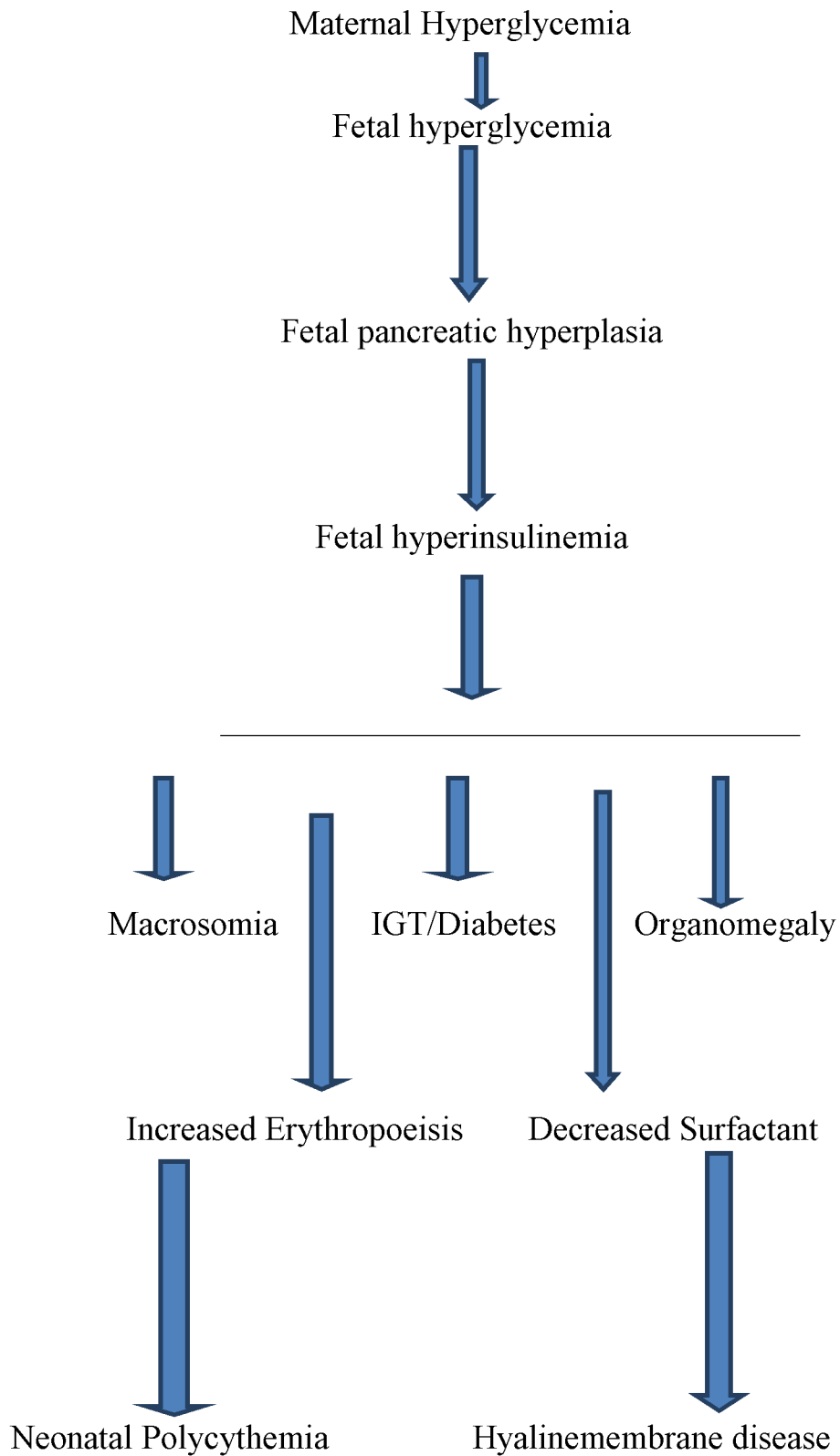
- Auto-immune destruction of pancreatic beta cell.
- Impaired beta cell function.
- Increased insulin degradation.
- Decreased tissue sensitivity to insulin.

Risk factor for progression of Gestational diabetes to Type II diabetes postpartum is:

- Increased fasting blood sugar >105 mg/dl
- Obesity
- Degree of glucose tolerance during and after pregnancy
- Need for insulin therapy during pregnancy

EFFECT OF MATERNAL FUEL ON FETAL DEVELOPMENT

The Pederson hypothesis (hyperglycaemia-hyperinsulinism) has been modified to include other contributing factors besides glucose that are responsive to maternal insulin.



Pederson's Hypothesis

MATERNAL AND FOETAL ADAPTATION IN PREGNANCY

Maternal adaptation that occurs during pregnancy is to accommodate the growing tissue transplant, the conceptus. Embryogenesis, growth maturation and survival of fetus are facilitated by placenta. It synthesizes steroid and peptide hormone and transplant maternal fuel to fetus.

NORMAL PREGNANCY- FUEL METABOLISM

In normal (non-diabetic) pregnancy the metabolism is carried out by

- Insulin action in first half of pregnancy.
- Diabetogenic stress in second half of pregnancy.

EARLY WEEKS OF GESTATION

Hormonal changes in early weeks of gestation are:

1. Increase in glucose stimulated insulin release.
2. Increase in fasting insulin concentration
3. Increase in oestrogen and progesterone which induced beta cell hyperplasia.

Insulin is anabolic and anti-catabolic hormone favouring the following;

- Prevents glucose production from liver.
- Increases peripheral utilization of glucose
- Tissue glycogen storage

The net effect is decrease in fasting plasma glucose by 10% compared to non-pregnant fasting level.

LATER WEEKS OF GESTATION

In later weeks of gestation, facilitated insulin action continues. At the same time, there is increased level of placental somato-mammotrophin like Human Placental Lactogen (HPL), prolactin and cortisol. The net result is insulin resistance.

Metabolic alteration influenced by insulin and placental hormones facilitate anabolism during feeding and catabolism during fasting state. As pregnancy advances, in fasting state plasma glucose continues to be low due to constant removal of glucose by fetus. This is also attributed to decrease in circulating amino acids (especially alanine) which is needed for gluconeogenesis, a condition called 'Substrate deficiency syndrome'. When there is no availability of exogenous feed, the maternal metabolism shift rapidly

to catabolism using fat as fuel. This is aided by placental hormone by producing ketogenesis and a state of accelerated starvation.

The insulin and glucagon secretion is regulated by glucose and many other substrates. In fed state, insulin levels are higher and more prolonged. Following glucose load, glucagon secretion is suppressed. This combination of enhanced beta cell response to glucose and decreased alpha cell response to amino acids leads to 'Facilitated anabolism'.

To summarize, the maternal fuel adaptation is favoured by the facilitated anabolism in fed state and accelerated starvation in fasting state. In second half of pregnancy there is compensatory increase in secretion of insulin (due to insulin resistance) and diabetogenic stress (due to placental hormones). When this compensation is inadequate, usually during second half of pregnancy-gestational diabetes sets in.

PATHOGENESIS OF GLUCOSE INTOLERANCE DURING PREGNANCY

Genetic factors:

Increasing maternal age and obesity may contribute to genetic factors.

Gestational factors:

a) Islet secretion:

In GDM during OGTT there is lower response at 30 and 60 minutes after oral glucose. Due to this the time to reach maximum glucose concentration increases.

b) Insulin resistance and hormones of gestation:

Decreased insulin sensitivity may be due to

- (i) Heightened sensitivity of gestational counter hormones (like HPL)
- (ii) Defect in post receptor insulin signalling pathway.

Insulin receptor substrate(IRS-I) expression is down regulated leading to decreased ability of insulin in inducing further steps of signalling cascade.

Decrease in beta cell function in GDM women may indicate further susceptibility to diabetes.

FUEL METABOLISM IN DIABETIC PREGNANCY

There is under utilization of exogenous hormone in fed state (facilitated anabolism reduced) and over production of endogenous hormone in fasted state (hyperaccelerated starvation). The first sign of pregnancy in pre GDM may be early morning fasting ketonuria.

CONSEQUENCES OF DIABETES ON PREGNANT MOTHER

Complications most commonly occur in pre-gestational diabetic women.

Hypoglycaemia:

This is due to multiple factors like physiological adaptation, nausea of early pregnancy.

Abortion:

Uncontrolled diabetes is associated with recurrent spontaneous abortion.

Retinopathy:

Its prevalence is strongly related to duration of disease. Background diabetic retinopathy (BDR) if already present can progress to Proliferative diabetic retinopathy (PDR). Those with poor glycaemic control and with hypertension are at risk of developing PDR.

Nephropathy:

Prevalence of nephropathy is 14%. Renal complication is more common in 5 % of overt diabetes. Women with nephropathy may be complicated with IUGR, preterm labour and pre-eclampsia.

Pre-eclampsia:

Factors like vascular complications, pre-existing proteinuria aggravate pre-eclampsia in diabetic women. Temple and co-workers in 2006(9) studied HbA1c levels at 24 weeks gestation with Type I diabetes and found that pre-eclampsia was related to glucose control.

Diabetic gastropathy:

It is a form of diabetic neuropathy. It aggravates nausea and vomiting. Cisapride or mosapride may give relief.

Infection:

Diabetic women are prone for all types of infection. The chance of post-operative wound infection is three fold higher in prediabetic women (Stalmer⁽¹⁰⁾). Common infections are urinary infections, candida vulvovaginitis, respiratory infection and pelvic infection.

Polyhydramnios:

Probable reasons for polyhydramnios are:

- i) Fetus hyperglycaemia leading to polyuria.
- ii) Glucose in amniotic fluid irritates amnion to produce more amount of liquor (Dashe et al⁽¹¹⁾). Polyhydramnios leads to premature labour and malpresentations.

Diabetic ketoacidosis:

Its incidence is 1% among diabetic pregnant women (Garner, 1995⁽¹²⁾). It commonly occurs in type I diabetes mellitus and the fetal loss is 20% (Pederson's & Cocuorhers⁽¹³⁾).

CONSEQUENCES OF DIABETES ON FETUS

Consequences of changes in fuel metabolism on fetal development revolve around maternal hyperglycemia and fetal hyperinsulinemia.

Pregnancy is considered as a tissue culture experiment acting as an incubation medium for the development of placenta and fetus. The glucose traverses the placenta by facilitated diffusion and amino acids by active transport.

The recent concept is that the glucose transport across placenta is dependent on glucose transporter (GLUT) family particularly GLUT 1 which is located in syncytiotrophoblast. As pregnancy advances, there is a two to three fold increase in expression of syncytiotrophoblast transportation. There is active transport of amino acids from mother to fetus via energy requiring amino acid transporters. This process of transportation is regulated by insulin and hence any disturbance in insulin secretion and its action will influence the whole nutrient composition and may lead to fetal hyperinsulinemia. The fetal and neonatal

complications occur when the fetus is exposed to abnormal fuel mixture during different periods of gestation.

FIRST TRIMESTER

In first trimester, during the process of organogenesis exposure to abnormal nutrients may cause spontaneous miscarriage, malformations and intrauterine growth retardation.

The mechanisms for the teratogenic effects in early post implantation stage are:

- Disruption of normal functioning of yolk sac during early neural tube development.
- Diffusion of intracellular myoinositol resulting in disruption of arachidonic acid and prostaglandin metabolism.
- Glucose induced mutation in embryonic DNA.
- Generation of free oxygen radicals that may be toxic to embryo.

Type and Timing of Malformation in Infant of Diabetic Mothers

Type of Anomaly	Timing of lesion (weeks post conception)
<i>Neural:</i>	
Anencephaly	4
Myelocele	4
Hydrocephalus	5
<i>Skeletal:</i>	
Caudal regression	3
Spina Bifida	6
<i>Cardiovascular:</i>	
Dextrocardia	4
Ventricular septal defect	6
<i>Renal:</i>	
Renal agenesis	6

In order to avoid this fuel mediated teratogenesis, control of maternal metabolism must commence before conception and be maintained throughout pregnancy. Preventive medicine starts before conception reflecting the importance of pre pregnancy counselling. Hence supplementation with folic acid and antioxidants may play a role in prevention of malformation.

SECOND TRIMESTER

As the formation of brain cells occur during second trimester, hyperglycemia during this trimester alters the behavioural and psychological pattern in childhood.

Insulin secretion by fetal pancreas occurs as early as 9 weeks after conception. Beta cell growth is regulated by insulin secretagogues such as glucose and essential amino acids.

This priming of beta cell may contribute for the persistence of fetal hyperinsulinemia throughout pregnancy and altered fetal growth even when the mother achieves a good metabolic control.

THIRD TRIMESTER

Stillbirth is still unexplained in third trimester, although maternal and foetal hyperglycaemia contributes. There is proliferation of foetal adipocytes due to maternal hyperglycaemia leading to obesity and type II diabetes in later life.

NEONATAL COMPLICATIONS

CONGENITAL MALFORMATIONS

Poor maternal glycaemic control during the process of organogenesis as evidenced by HbA1c may lead to congenital malformations. Patients with HbA1c values more than 6 standard deviations had two-fold increased risk of congenital malformation. It leads to 50 % of perinatal mortality in IDM.

SPONTANEOUS ABORTION

Incidence of spontaneous abortion in diabetic patient is 10- 17%.It reflects the glycaemic control in early pregnancy.

HYPOGLYCAEMIA

Hypoglycaemia incidence in infant of diabetic mother is 30-50%.The incidence decreases to 5-15% with physiological control of maternal glucose. Hypoglycaemia is defined as blood glucose value less than 45mg/dl in any infant regardless of gestational age. Clinical presentations include twitching of limbs, hypotonia, tachypnoea and rarely seizures. Treatment of hypoglycaemia includes IV bolus administration of glucose at a dosage of 200mg/dl followed by continuous glucose infusion at 8mg/dl. Protective factor against fetal hypoglycaemia is optimal control of maternal hyperglycaemia.

HYPOCALCEMIA

Incidence of hypocalcemia is 25% among IDMs and they may remain asymptomatic, usually detectable during 2nd or 3rd day of life. Causal mechanism may be reversal of shift of calcium from intracellular to extracellular compartment during correction of acidotic event.

RESPIRATORY DISTRESS SYNDROME

Incidence of Respiratory distress syndrome is 5% among IDMs. Glucocorticoids and thyroxine promote type II pneumocyte proliferation and surfactant production whereas insulin inhibits surfactant production.

Measurement of phosphatidyl glycerol or in combination with lecithin phosphatidyl choline may serve as a reliable indicator for lung maturity in diabetic mothers. If the L: S ratio is less than 2:1 prophylactic steroids may be given to accelerate lung maturity

POLYCYTHEMIA:

Polycythemia in Infants of diabetic mother is due to placental insufficiency and elevated glycohemoglobin. Large placenta favouring over transfusion may also contribute. This leads the infant with high risk of congestive heart failure and vascular thrombosis.

HYPERBILIRUBINEMIA:

Incidence of neonatal jaundice is 25-53% of pregnancy complicated by pre-gestational diabetes and 38% of pregnancy with GDM. This may be due to increased bilirubin production and decreased life span of RBCs.

MACROSOMIA:

According to ACOG macrosomia is defined as birth weight greater than 4.5 kg. Incidence of macrosomia is ten times more common in women with diabetes when compared to normal population. Incidence of macrosomia is 50% common among women with GDM and 40% among women with overt diabetes.



Macrosomia Baby

Macrosomia results from:

- i) Maternal hyperglycaemia- hyperplasia and hypertrophy of fetal islets of langerhans- increased secretion of fetal insulin- accumulation of fat.
- ii) Elevation of maternal free fatty acids (FFA) in diabetes- leads to its increased transfer to the fetus- acceleration of triglyceride synthesis- adiposity.

Macrosomic babies are more prone to shoulder dystocia.

Meticulous control of maternal metabolism can normalize fetal growth to certain extent.

UNEXPLAINED FETAL DEMISE:

Unexplained fetal demise remains unique to pregnancies complicated by overt diabetes.

Possible mechanisms are:

- High concentration of glycosylated haemoglobin (HbA1c)- it has high affinity towards oxygen and releases less oxygen leading to decreased oxygenation to placenta.
- There is increased oxygen requirement to fetus due to fetal hyperinsulinaemia. As the oxygen supply is unable to keep pace with the demand it results in fetal hypoxia and acidosis.

- Placental insufficiency along with vascular complications as pregnancy advances.
- Hyperglycaemia in mother leading to osmotically induced villous oedema and impaired fetal oxygen transport.

PRETERM BIRTH:

The most important cause of preterm birth in women with GDM is Preeclampsia. A study by YANG et al ⁽¹⁴⁾ showed the incidence of preterm birth as 28%. The incidence of preterm birth is five-fold increased in diabetic women when compared to normal pregnancy.

SCREENING TEST FOR GESTATIONAL DIABETES MELLITUS:

Compared to selective screening, Universal screening detects more cases and thereby helps to improve maternal and neonatal outcomes ⁽¹⁵⁾. Maternal abnormalities are the most important cause of increased risk of maternal and fetal complications. Oral glucose tolerance test performed during each trimester is the ideal test. As this is not possible in centres with high birth rates, the usual recommendation for screening is between 24-28 weeks.

GYCOSURIA:

It is the commonly employed test for detection of glucose intolerance. In pregnancy, the renal threshold is lowered for glucose due to increase in glomerular filtration rate and tubular defect in reabsorption.

In 1986, an analysis by Seshiah et al on 342 pregnant women, stated that,

Seshiah analysis

	<i>Sensitivity</i>	<i>Specificity</i>	<i>Positive predictive value</i>
Fasting glycosuria	31.58%	78.95%	23.08%
Post glucose glycosuria	71.93%	64.56%	28.87%

Unfortunately, glycosuria is less specific as a screening test.

ADA RECOMMENDATION

American diabetes association recommends selective screening. Screening is performed between 24-28 weeks in women who are not known to have glucose intolerance earlier in pregnancy.

Indications for selective screening ADA-2009.

1. Age > 25 yrs
2. Obesity (BMI > 25)
3. Previous history of unexplained stillbirth.
4. Family history suggestive of diabetes.
5. Large for gestational age infant.
6. Intrauterine death.
7. History of congenital malformed infant.
8. Members of ethnical group with high prevalence of diabetes.

Indians come under high ethnic group.

Two Step Procedures

First the woman is challenged with 50 gram oral glucose. If they test to be positive, it is followed by diagnostic 100 gram oral glucose tolerance test.

GCT

Glucose values (venous sample) are measured 1 hour after 50 gram of oral glucose irrespective of time or day of last meal.

When the cut-off is set as ≥ 140 mg/dl - 80% of women with GDM are identified.

When the cut-off is set as ≥ 130 mg/dl - 90% of women with GDM are identified.

Those found to be positive at screening test will undergo confirmatory test with 100 gram oral glucose.

100 gram of OGTT by Carpenter and Coustan method-National institute of health⁽⁴⁴⁾⁽⁴⁵⁾

Time	100 gram OGTT
Fasting	≥ 95 mg/dl
1 hour	≥ 180 mg/dl
2hours	≥ 155 mg/dl
3hours	≥ 140 mg/dl

When two or more values are met or exceed this value GDM is diagnosed.

WHO Criteria

OGTT is performed using 75 gram of glucose after overnight fasting.

Plasma glucose values are measured at fasting and 2 hours⁽¹⁶⁾

WHO criteria (75gms OGTT)

Fasting	2h (mg/dl)	
Gestational diabetes	>110	>140

SCREENING BY DIPSI METHOD WITH 75 GM OF GLUCOSE⁽¹⁷⁾

A single step procedure was developed due to practical difficulty in performing glucose tolerant test as the pregnant women seldom comes in fasting state for the first time in antenatal clinic. When they are asked to come in fasting state, they may not return⁽¹⁸⁾.

A women with normal glucose tolerant can maintain euglycaemia⁽¹⁹⁾ despite glucose load after a meal when compared to women with GDM who has impaired insulin secretion⁽²⁰⁾. This cascading effect is advantageous as this will not result in false positive diagnosis of GDM.

Advantage

- Pregnant women need not come in fasting state (21).
- Causes fewer disturbances in their usual activities.
- Serves both as a screening and diagnostic test.

This test assumes clinical relevance as WHO criteria based on 75 gm glucose. This single step procedure has been approved by Ministry of Health, Government of India and also approved by WHO ⁽²²⁾.

Method of performing DIPSI:

Glucose value (venous sample) is measured 2hrs after 75gm of oral glucose irrespective of last meal. GDM is diagnosed if plasma glucose value exceeds 140mg/dl.

IADPSG CRITERIA ⁽²³⁾

Hyperglycaemia and Adverse Pregnancy Outcome (HAPO study) was based on pregnancy outcome and they designed diagnostic criteria for GDM, which was accepted internationally. There was a continuous association between perinatal outcomes and maternal blood glucose values.

HAPO study was designed to determine adverse pregnancy outcomes with various levels of glucose in women with gestational

diabetes. Based on this study IADPSG lowered the threshold for diagnosis and treatment of GDM.

HAPO study showed that glucose concentration lower than those used for ADA correlate with perinatal complications.

Advantage:

- IADPSG diagnose more cases of GDM than routine ADA
- It is based on pregnancy outcomes.
- It can prevent maternal and neonatal morbidity by identifying more number of patients with glucose intolerance.

Disadvantage:

It has high dropout rate when pregnant women are asked to come for glucose tolerance test ⁽²⁴⁾.

Attending antenatal clinic for the first time in fasting state is almost impractical ⁽²⁵⁾. Fasting blood sugar does not reflect the 2 hrs postprandial blood sugar with 75 gm oral glucose which is the hallmark of GDM ⁽²⁵⁾. As the insulin resistance in pregnancy increases further, fasting blood sugar is not an appropriate method for diagnosis of GDM in Asian Indian women ⁽²⁶⁾.

IADPSG CRITERIA-using 75 grams OGTT

Diagnostic values for GDM

Fasting plasma glucose	≥ 92 mg/dl
1hr	≥ 180 mg/dl
2 hrs	≥ 153 mg/dl

The test is considered to be positive if any one plasma glucose value meet or exceed this value.

Overt Diabetes:

The following criteria are used for diagnosis of overt diabetes.

- Fasting plasma glucose >126 mg/dl
- Random plasma glucose > 200 mg/dl
- HbA1c $> 6.5\%$

HbA1c:

It is glycosylated haemoglobin, whose concentration is directly proportional to blood glucose values. It reflects metabolic control over past 8-12 weeks. It has strong relationship between first trimester metabolic control and risk for major malformation.

MANAGEMENT OF DIABETES IN PREGNANCY

Pre-gestational Diabetes:

The most common cause of mortality and morbidity in infants of mother with type 1 and type 2 diabetes is congenital malformation. There has been significant association between elevated maternal blood glucose during embryogenesis and major malformations in newborn.

To minimize such lethal malformations, pre-gestational counselling and standard care throughout pregnancy is essential. The cornerstone of management is glycaemic control⁽²⁷⁾.

Pre-Conceptional Care:

As 60% of pregnancies among pre-gestational diabetes are unplanned, most of them begin their pregnancy with suboptimal diabetic control (Kim and colleagues 2005⁽²⁸⁾)

Glycosylated hemoglobin measurement is used to assess early metabolic control. It is associated with significant risk for malformation when levels exceed 10%.

Optimum medical care and education is recommended for optimum control of glucose in preconceptional period.

The optimum values for glucose levels are (ADA)

Preprandial - 70-100mg/dl

Postprandial - 1hr <140mg/dl

2hr <120mg/dl

Folate administration of about 400mg/day in periconceptual period decreases the risk of neural tube defects.

Medical Nutrition Therapy

Landon and associates -2009⁽²⁹⁾ described the benefits of dietary counselling in diabetic women.

ADA recommends nutritional therapy of about 30 kcal/kg/day based on prepregnancy body weight (this does not apply to obese women).

Obese women with BMI > 30 kg/m² benefit from 30% caloric restriction. They are monitored weekly for ketonuria as it is associated with impaired psychomotor development in offspring.

Underweight women benefit from 40 kcal/kg/day.

Diet composition includes:

55% - carbohydrate (preferably low glycaemic index)

20% - protein

25% - fat (saturated fat < 10%)

It is taken as three meals and three snacks daily.

Distribution of calorie in this way will help 75-80% of GDM become normoglycaemic⁽³⁰⁾.

Exercise:

Exercise before and during pregnancy has strong protection against developing GDM⁽³¹⁾.

Dempsy and co-workers⁽³²⁾ - exercise reduced the risk of gestational diabetes in pregnancy.

Brankston and associates⁽³³⁾ - exercise reduced the need for insulin therapy in obese diabetic women.

Oral Hypoglycaemic Agents:

ACOG (2001) did not recommend oral hypoglycaemic agents.

Lange et al -2000⁽³⁴⁾ - both insulin and oral hypoglycaemic agents equally achieved normoglycaemic levels.

Glyburide:

Moretti et al 2008⁽³⁵⁾ - there was no increased perinatal risk with glyburide. Hebert et al 2008⁽³⁶⁾ - Umbilical cord concentrations were half that of maternal concentrations in women treated with glyburide.

ACOG recommends that further trials should be conducted regarding the use of glyburide.

Metformin:

Rowan and colleagues⁽³⁷⁾ - They compared the use of metformin with insulin on GDM women. Complications like severe hypoglycaemia was less common in infant of mother who were treated with metformin. It did not have any other major complications except for preterm birth.

Glueck⁽³⁸⁾ - metformin can reduce the incidence of gestational diabetes when taken throughout pregnancy.

Harborne⁽³⁹⁾ - It can reach the fetus and should be discontinued once pregnancy is diagnosed.

43% of women using metformin required insulin supplements.

Insulin therapy:

GDM women who cannot control their glucose values with diet alone require insulin⁽⁴⁰⁾.

According to ACOG (2001) recommendation, insulin therapy is started if;

Fasting > 95mg/dl

Postprandial > 120 mg/dl

Preferable insulin- premix insulin 30/70(short acting/ intermediate acting)

Total insulin dose per day- 2/3 rd in morning and 1/3 rd in evening.

Regimen- most popular one is four times daily regimen. It includes regular short acting insulin three injections before three major meals and intermediate acting insulin at night.

Patient treated with insulin should be made aware of hypoglycaemic symptoms.

An alternative form of insulin administration is insulin pump therapy. It allows continuous subcutaneous administration of insulin in order to resemble physiologic insulin release.

Coustan et al. ⁽⁴¹⁾ - randomised trial of pump versus conventional insulin therapy failed to reveal any difference in metabolic control in diabetic pregnant women.

Glucose monitoring:

Self monitoring using a glucometer has to be encouraged. When compared with women evaluated during hospital visits; women with daily self monitoring had fewer macrosomic infants -Hawkins and colleagues- 2009 ⁽⁴²⁾.

Postprandial surveillance is superior to preprandial surveillance as the blood glucose control was significantly improved.

Target values for adequate glycaemic control in pregnancy is (ACOG 2005)

HbA1c	≤ 6
Fasting	≤ 95
1 hr postprandial	≤ 140
2 hr postprandial	≤ 120
Mean	100

OBSTETRICAL MANAGEMENT

Antepartum:

1. Nuchal translucency - 11-14 weeks.
2. Detailed anomaly scan - 18-20 weeks
3. Fetal echo
4. Growth scans at 28, 32 and 36 weeks.

Timing of delivery:

Gestational diabetes:

- i) Controlled with diet- can be followed till 40 weeks.
- ii) On insulin- usually terminated at 38 weeks.

Antenatal corticosteroids can be administered in mother in preterm delivery.

Type of delivery:

Diabetes as such is not an indication for caesarean.

Vaginal delivery can be allowed if there are no fetal or maternal complications. Indication for caesarean is when the estimated fetal weight > 4500g. Labour should be monitored continuously with CTG.

Postpartum evaluation:

Postpartum follow up is recommended as 50% of women with gestational diabetes become overt diabetes within 20 years. When insulin is initiated before 24 weeks there is high chance of persistent diabetes (Dacus and co-workers- 1994). Recurrence rate of GDM is 40 % in subsequent pregnancy - Holmes et al- 2003⁽⁴³⁾.

ADA-2007 recommends postpartum follow up using 75 gm 2 hr OGTT 6-12 weeks postpartum.

Insulin management during labour (ACOG 2005):

Usual dose of insulin given at bedtime.

Morning dose of insulin is withheld.

Intravenous infusion of normal saline started.

Once active labour sets in or glucose levels decrease to 70mg/dl- 5%dextrose infusion started at rate of 100-150 ml/hr.

Glucose values checked hourly. If glucose values exceed 100 mg/dl-

Regular insulin is started as IV infusion at rate of 1.25u/hr.

MATERIALS AND METHODS

This study was conducted in antenatal clinic in outpatient department of Obstetrics and Gynaecology, Government Theni Medical College during the period of August 2014 to July 2015.

TYPE OF STUDY

Prospective study

DURATION OF STUDY

August 2013- July 2015

STUDY GROUP

500 pregnant women randomly allotted in each of study group between 24-28 weeks gestation who attend antenatal clinic of GTMCH, Theni.

Inclusion criteria:

- Women aged between 17-40 yrs.
- Women with singleton gestation.
- Women with no past history of GDM or DM.
- Not on any treatment for other medical illness.

Exclusion criteria:

- Known case of type 1&2 diabetes mellitus.
- Women with multiple gestations.
- Autoimmune disorders like systemic lupus erythematosus, thyroid disorder, PCOS.

METHODOLOGY

500 Pregnant women in each group between 24-28 weeks of gestation are selected for this study.

Method of performing GCT:

Patient is asked to drink 50g of glucose dissolved in 200 ml of water, without regard to time or day of last meal.

Those with blood glucose level ≥ 140 mg/dl are considered to be positive.

METHOD OF PERFORMING 100g OGTT(ADA CRITERIA)

Those who are positive at screening test using a cutoff of ≥ 140 mg/dl will undergo confirmatory oral glucose tolerance test with 100g of oral glucose.

- Patient will be instructed to come after 72 hours after overnight fasting (8-14 hours). She should take a carbohydrate unrestricted diet (not less than 150 gram per day) for 3 days before test is performed. Fasting venous sample is obtained. 100 grams of glucose is dissolved in 200-400 ml of water and is asked to drink in 5 minutes. Venous blood is drawn after 1, 2 and 3 hours.

ADA CRITERIA

100 gm OGTT by Carpenter and Coustan method

Time	Plasma glucose values
Fasting	≥ 95 mg/dl
1hr	≥ 180 mg/dl
2hr	≥ 155 mg/dl
3hr	≥ 140 mg/dl

When two or more value meets or exceeds this value GDM is diagnosed.

Method of performing DIPSI (Diabetes In Pregnancy Study Group India)

Glucose value (venous sample) is measured 2 hrs after 75g of oral glucose irrespective of last meal.

GDM is diagnosed if plasma glucose level exceeds 140mg/dl.

RESULTS AND ANALYSIS

Incidence of Study

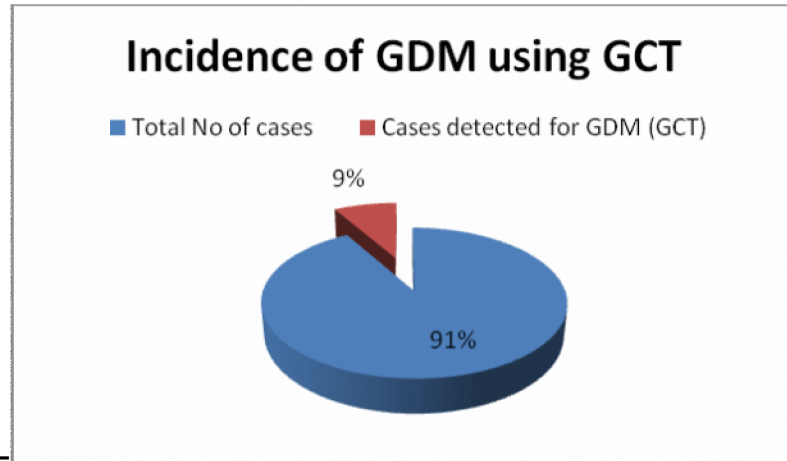
In our study 500 pregnant women in each group randomly allotted were screened using DIPSI and GCT .

The incidence of Gestational diabetes mellitus in our study is 11% out of which DIPSI detected 12.5% and GCT detected 9% of cases.

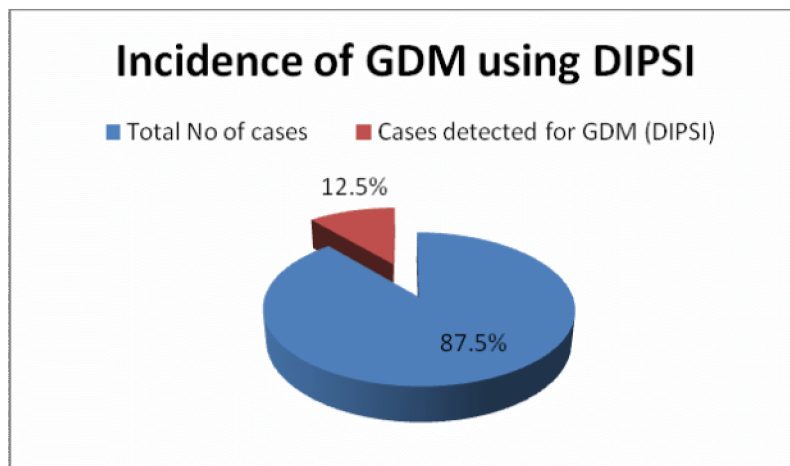
Incidence of Study

Total Number of Cases Screened Using GCT	500
Total Number of Cases Screened Using DIPSI	500
Number of cases detected having GDM (Using GCT)	45
Number of cases detected having GDM (Using DIPSI)	63
Incidence of GDM (Using GCT)	9%
Incidence of GDM (Using DIPSI)	12.5%

Incidence of GDM using GCT



Incidence of GDM using DIPSI



5.2 Age distribution of GDM

Age Distribution analysis of GDM using GCT

Age in Years		Number of cases in Patients with GDM (GCT)	Number of cases in patients without GDM (GCT)	Total
17-20 yrs	No. of Pts	0	97	97
	Percentage		21.468%	
21-25 yrs	No. of Pts	29	256	285
	Percentage	64.44%	57.07%	
26-30 yrs	No. of Pts	14	90	104
	Percentage	33.33%	19.89%	
31-35 yrs	No. of Pts	2	10	12
	Percentage	4%	0.5%	
36-40yrs	No of pts	0	2	2
	Percentage		1%	
TOTAL		45	455	500

The value of Chi-square statistics is found to be 13.6609. With a P-Value of 0.00846 which is much significant at $p < 0.05$.

Age Distribution analysis of GDM using DIPSI

Age in Years		Number of cases in Patients with GDM (DIPSI)	Number of cases in patients without GDM (DIPSI)	Total
17-20 yrs	No. of Pts	0	86	86
	Percentage		19.68%	
21-25 yrs	No. of Pts	46	237	283
	Percentage	73.01%	54.25%	
26-30 yrs	No. of Pts	15	101	116
	Percentage	23.8%	23.40%	
31-35 yrs	No. of Pts	2	11	13
	Percentage	3%	2.65%	
36-40yrs	No of pts	0	2	2
	Percentage			
TOTAL		63	437	500

The value of Chi-square statistics is found to be 16.22. With a P-Value of 0.002736 which is much significant at $p < 0.05$.

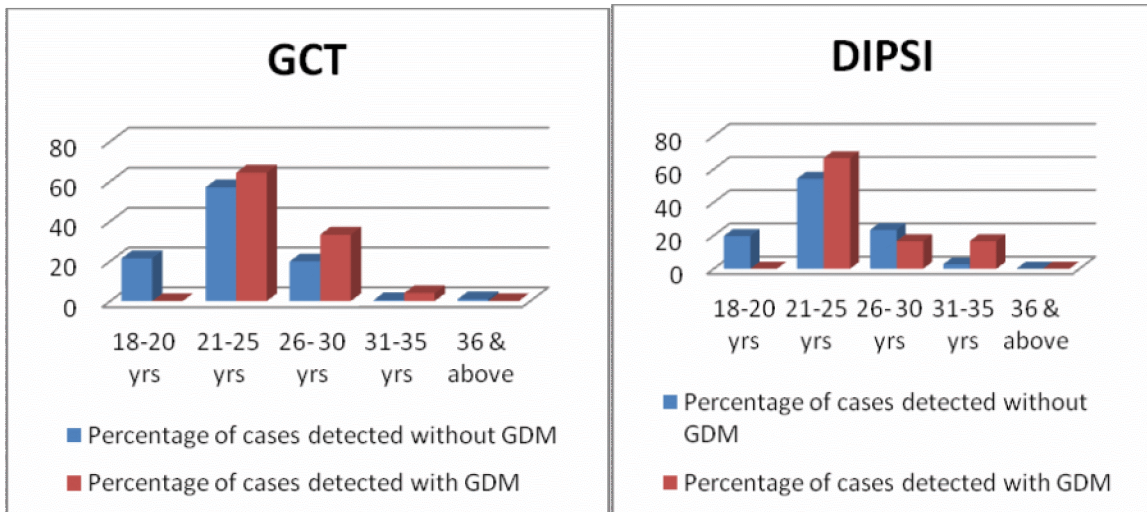


Figure showing age distribution of GDM

The age group for which GDM test was conducted ranged from 18 – 40 yrs. It is found that majority of patients ranging from 21-25 yrs have positive value of GDM (64.44% in GCT group and 73.01% in DIPSI group). The result is analyzed using chi-square test and it is significant for less than 5% error.

Gravida study for GDM

Gravida study for GDM (GCT)

Gravida Status		Number of cases in Patients with GDM(GCT)	Number of cases in patients without GDM(GCT)	Total
Primi	No. of Pts	5	217	222
	Percentage	11.11%	47.69%	
G2	No. of Pts	30	157	187
	Percentage	66.66%	34.55%	
G3	No. of Pts	10	55	65
	Percentage	22.22%	12.08%	
G4 and above	No. of Pts	0	26	26
	Percentage		6%	
TOTAL		45	455	500

The value of Chi-square statistics is found to be 29.473. With a P-Value of 0.00001 which is much significant at $p < 0.001$.

Gravida study for GDM (DIPSI)

Gravida Status		Number of cases in Patients with GDM (DIPSI)	Number of cases in patients without GDM(DIPSI)	Total
Primi	No. of Pts	15	172	187
	Percentage	24%	39.36%	
G2	No. of Pts	42	198	240
	Percentage	66.66%	45.3%	
G3	No. of Pts	5	55	60
	Percentage	8%	12.7%	
G4 and above	No. of Pts	0	13	13
	Percentage		3%	
TOTAL		63	437	500

The value of Chi-square statistics is found to be 11.801. With a P-Value of 0.008097 which is much significant at $p < 0.05$.

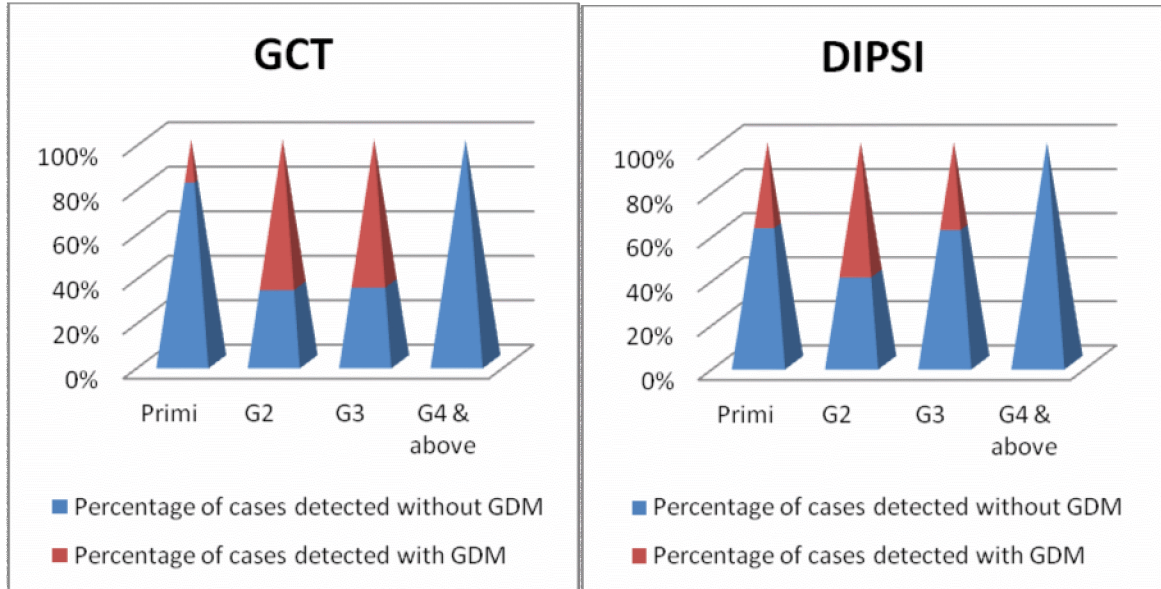


Figure showing Gravida distribution of GDM

66.66% of GDM patients were multi-Gravida in both groups.

GDM Study in Socio Economic Status

Socio Economic Study for GDM (GCT)

Socio Economic Status		Number of cases in Patients with GDM(GCT)	Number of cases in patients without GDM(GCT)	Total
Class I	No. of Pts			
	Percentage			
Class II	No. of Pts			
	Percentage			
Class III	No. of Pts	0	95	95
	Percentage	0%	20.94%	
Class IV	No. of Pts	5	139	144
	Percentage	11.11%	31.93%	
Class V	No. of Pts	40	221	261
	Percentage	88.88%	47.12%	
TOTAL		45	455	500

The value of Chi-square statistics is found to be 27.5199. With a P-Value of 0.00001 which is much significant at $p < 0.001$.

Socio Economic Study for GDM (DIPSI)

Socio Economic Status		Number of cases in Patients with GDM(DIPSI)	Number of cases in patients without GDM(DIPSI)	Total
Class I	No. of Pts			
	Percentage			
Class II	No. of Pts			
	Percentage			
Class III	No. of Pts	0	74	74
	Percentage	0%	17%	
Class IV	No. of Pts	10	163	173
	Percentage	16.66%	37.23%	
Class V	No. of Pts	53	200	253
	Percentage	83.33%	45.744%	
TOTAL		63	437	500

The value of Chi-square statistics is found to be 33.98. With a P-Value of 0.00001 which is much significant at $p < 0.001$.

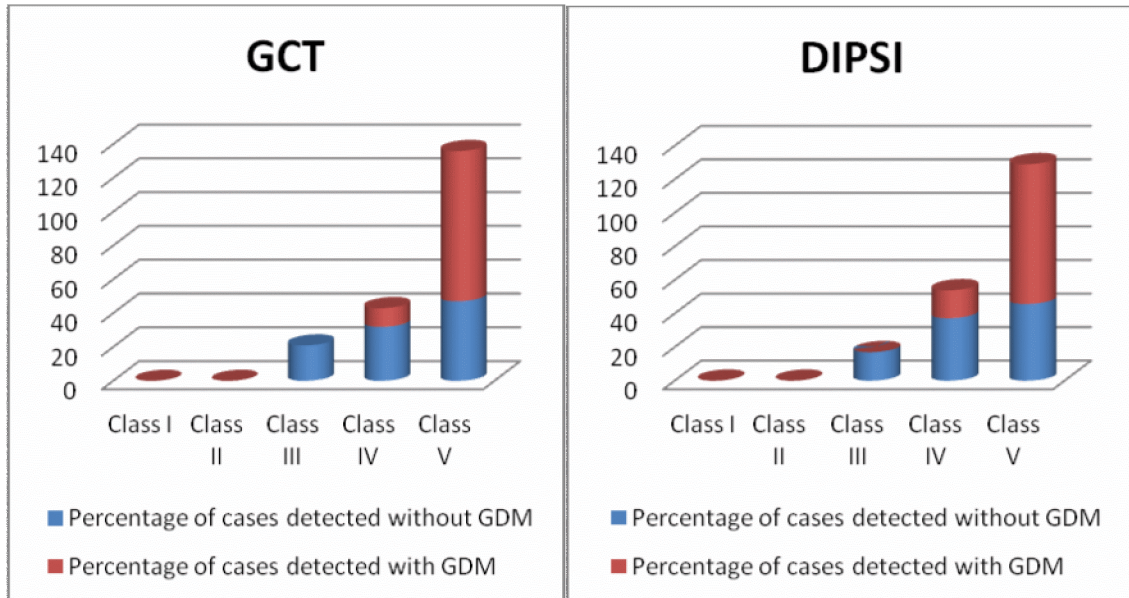


Figure showing Socio Economic Status of GDM

In both these groups, GDM prevalence was high among women belonging to Class V socio-economic status (88.88% in GCT group and 83.33% in DIPSI group).

GDM study of BMI

Body Mass Index study for GDM (GCT)

BMI (in kg/m ²)		Number of cases in Patients with GDM (GCT)	Number of cases in patients without GDM (GCT)	Total
Less than 18.5	No. of Pts	0	35	35
	Percentage		7.85%	
18.5-24.9	No. of Pts	3	272	275
	Percentage	6%	59.68%	
25-29.9	No. of Pts	33	123	156
	Percentage	73.33%	27.22%	
30 and above		9	25	34
		20%	5.23%	
TOTAL		45	455	500

The value of Chi-square statistics is found to be 65.272. With a P-Value of 0.00001 which is much significant at $p < 0.001$.

Body Mass Index study for GDM (DIPSI)

BMI (in kg/m²)		Number of cases in Patients with GDM (DIPSI)	Number of cases in patients without GDM (DIPSI)	Total
Less than 18.5	No. of Pts	0	58	58
	Percentage		13.29%	
18.5-24.9	No. of Pts	5	285	290
	Percentage	8%	65.43%	
25-29.9	No. of Pts	52	69	121
	Percentage	83.3%	15.95%	
30 and above		6	26	32
		8%	5.3%	
TOTAL		63	437	500

The value of Chi-square statistics is found to be 143.17. With a P-Value of 0.00001 which is much significant at $p < 0.001$.

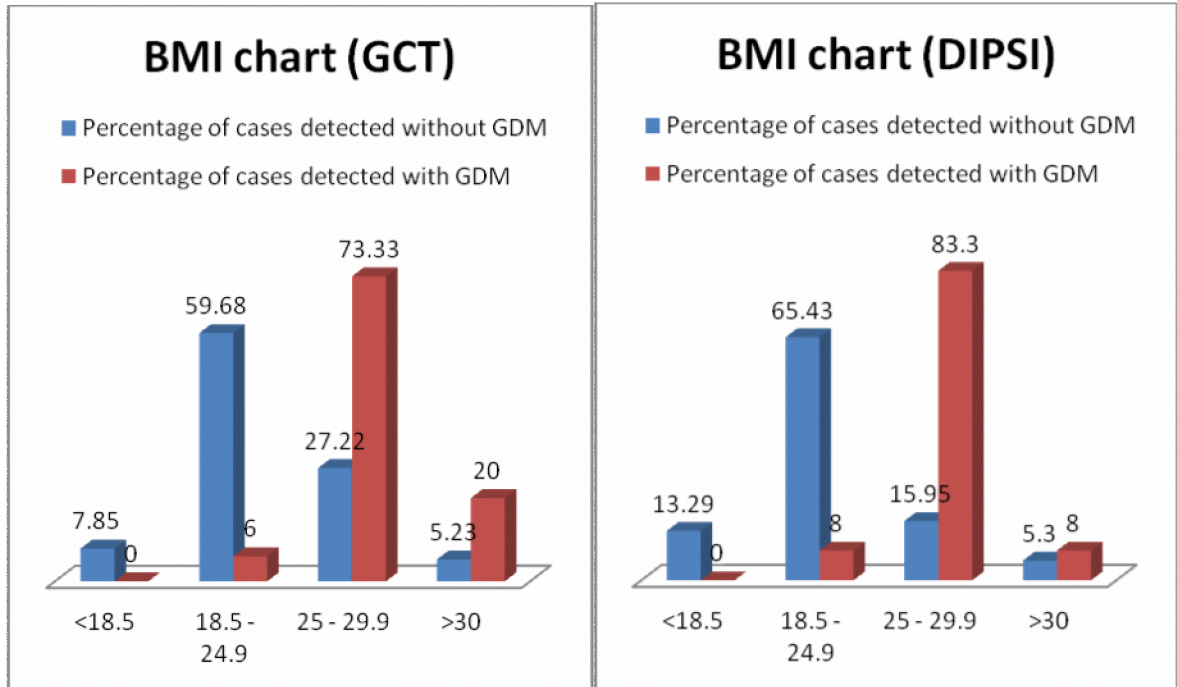


Figure showing BMI analysis of GDM

Among GDM patients, highest prevalence was observed in women with BMI > 25 kg/m² and it was 73.33% in GCT group and 83.3% in DIPSI group.

Study of Family History Of Diabetics

GDM Study of Family History of Diabetes Mellitus (GCT)

Family History		Number of cases in Patients with GDM (GCT)	Number of cases in patients without GDM (GCT)	Total
No Family history	No. of Pts	21	376	397
	Percentage	44.44%	82.72%	
Father Diabetic	No. of Pts	14	50	64
	Percentage	33.33%	9.4%	
Mother Diabetic	No. of Pts	10	22	32
	Percentage	22.22%	5.75%	
No. of pts with family H/O. DM	No. of Pts	0	9	9
	Percentage		2.094%	
TOTAL		45	455	500

The value of Chi-square statistics is found to be 43.2984. With a P-Value of 0.00001 which is much significant at $p < 0.001$.

GDM Study of Family History of Diabetes Mellitus (DIPSI)

Family History		Number of cases in Patients with GDM (DIPSI)	Number of cases in patients without GDM (DIPSI)	Total
No Family history	No. of Pts	33	349	382
	Percentage	50%	79.58%	
Father Diabetic	No. of Pts	20	53	73
	Percentage	33.33%	10.47%	
Mother Diabetic	No. of Pts	10	27	37
	Percentage	16.66%	6.28%	
No. of pts with family H/O. DM	No. of Pts	0	8	8
	Percentage		2%	
TOTAL		63	437	500

The value of Chi-square statistics is found to be 28.10. With a P-Value of 0.00001 which is much significant at $p < 0.001$.

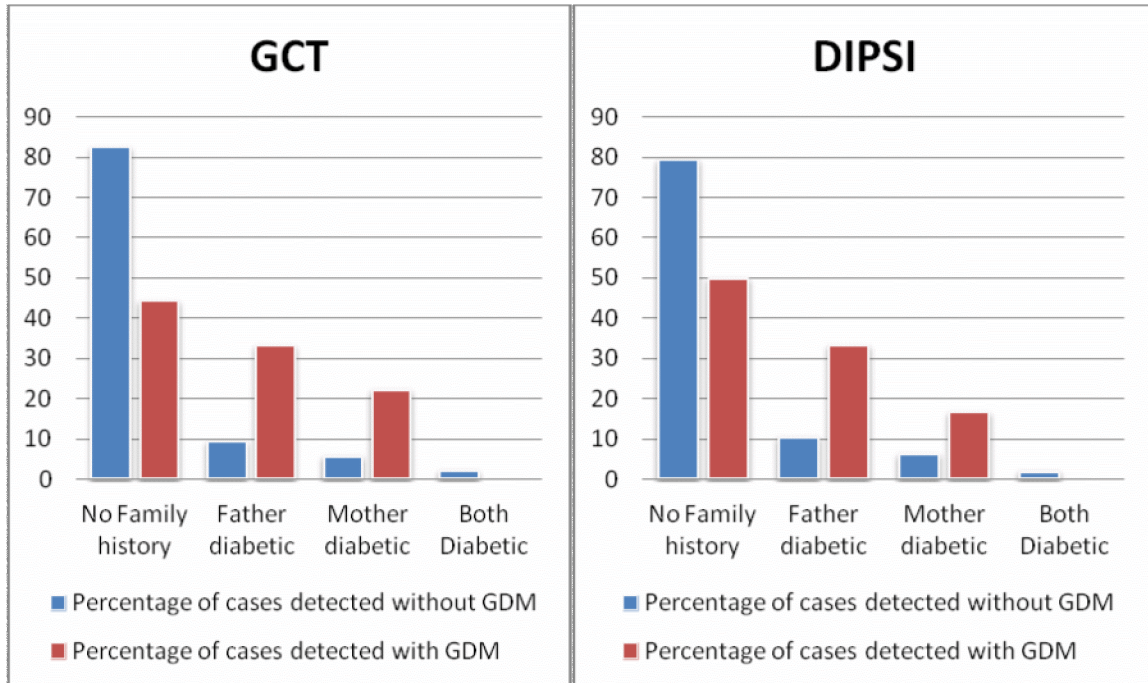


Figure showing GDM patients having family history of diabetics.

Majority of patients diagnosed to be GDM did not have significant family history.

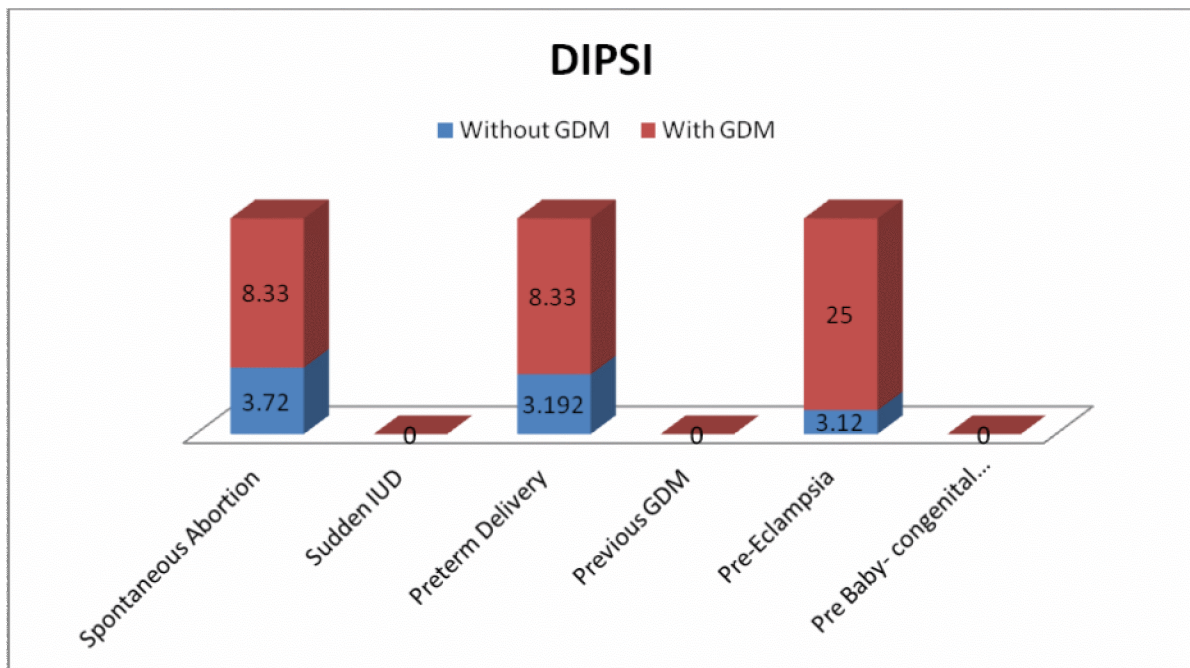
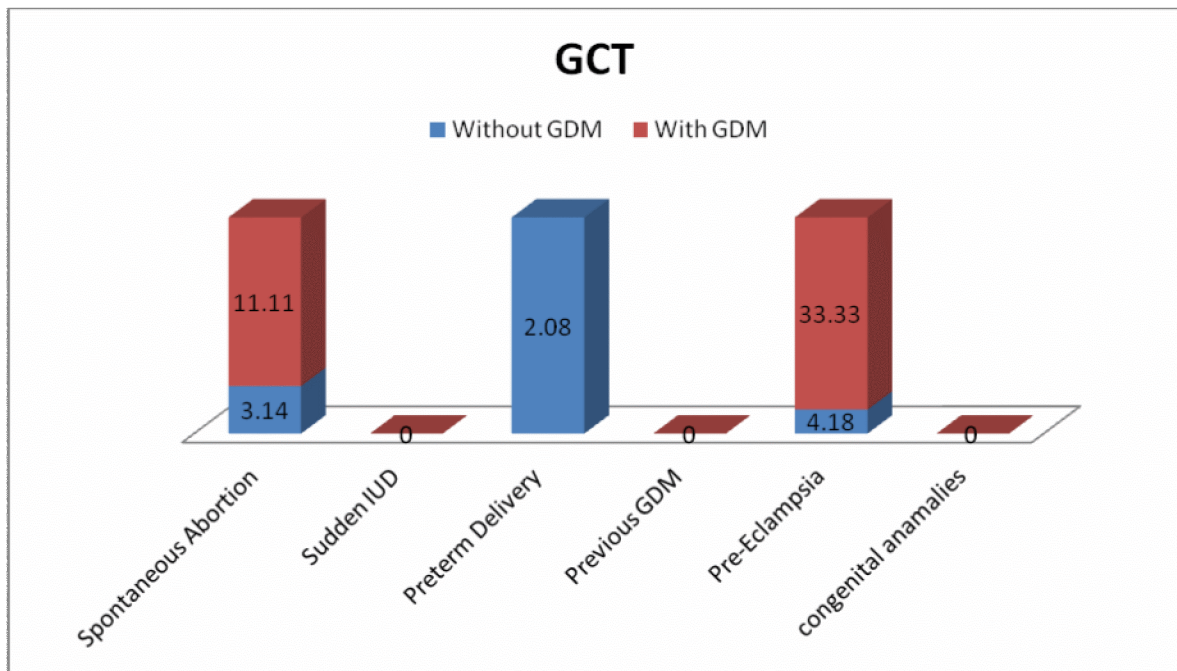
Studies for Risk Factors in Past Pregnancy

Risk Factors in the Past Pregnancy (GCT)

Risk Factors		Number of cases in Patients with GDM (GCT)	Number of cases in patients without GDM (GCT)	Total
History of Spontaneous Abortion	No. of Pts	5	14	19
	Percentage	11.11%	3.14%	
History of Sudden IUD	No. of Pts	0	0	0
	Percentage	0%	0%	
History of Preterm Delivery	No. of Pts	0	9	9
	Percentage		2.08%	
History of previous GDM with IGT	No. of Pts	0	0	0
	Percentage	0%	0%	
History of previous Pre-eclampsia	No. of Pts	14	18	32
	Percentage	33.33%	4.18%	
History of previous babies with congenital anomalies	No. of Pts	0	0	0
	Percentage	0%	0%	

Risk Factors in the Past Pregnancy (DIPSI)

Risk Factors		Number of cases in Patients with GDM (DIPSI)	Number of cases in patients without GDM (DIPSI)	Total
History of Spontaneous Abortion	No. of Pts	5	16	21
	Percentage	8.33%	3.72%	
History of Sudden IUD	No. of Pts	0	0	0
	Percentage	0%	0%	
History of Preterm Delivery	No. of Pts	5	14	19
	Percentage	8.33%	3.191%	
History of previous GDM with IGT	No. of Pts	0	0	0
	Percentage	0%	0%	
History of previous Pre-eclampsia	No. of Pts	15	13	28
	Percentage	25%	3.12%	
History of previous babies with congenital anomalies	No. of Pts	0	0	0
	Percentage	0%	0%	



Figures showing Risk factors of past pregnancy for study of GDM

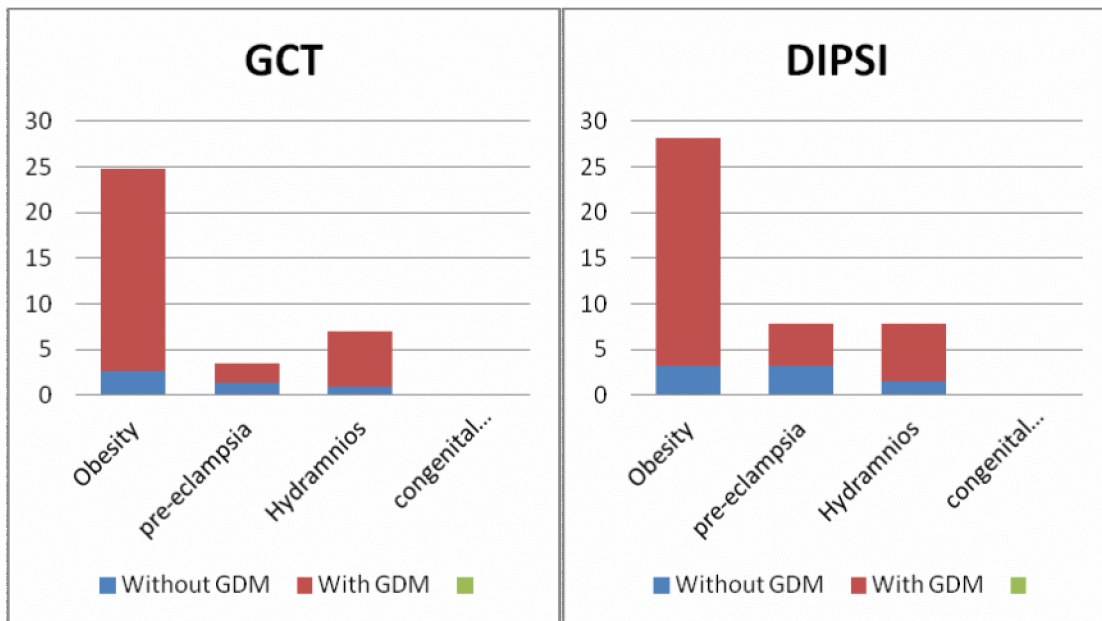
5.8 Study For Risk Factors In Present Pregnancy

Risk Factors in the Present Pregnancy (GCT)

Risk Factors		Number of cases in Patients with GDM (GCT)	Number of cases in patients without GDM (GCT)	Total
Obesity	No. of Pts	10	12	22
	Percentage	22.2%	2.6%	
Pre-eclampsia	No. of Pts	1	6	7
	Percentage	2%	1.45%	
Hydramnios	No. of Pts	3	5	8
	Percentage	6%	1%	
Congenital Malformations	No. of Pts		0	0
	Percentage		0.0%	

Risk Factors in the Present Pregnancy (DIPSI)

Risk Factors		Number of cases in Patients with GDM (DIPSI)	Number of cases in patients without GDM (DIPSI)	Total
Obesity	No. of Pts	15	13	28
	Percentage	25%	3.19%	
Pre-eclampsia	No. of Pts	3	14	17
	Percentage	4.7%	3.19%	
Hydramnios	No. of Pts	4	8	12
	Percentage	6.3%	1.59%	
Congenital Malformations	No. of Pts		0	0
	Percentage		0.0%	



Figures showing Risk factors in present pregnancy for study of GDM

Study For Blood Glucose Level Of Patients

Distribution of Blood Glucose Values in 1hr 50gm GCT

GCT	Number	Percentage
61-70	10	2%
71-80	32	6.5%
81-90	107	21.5%
91-100	150	30%
101-110	95	19%
111-120	50	10%
121-130	5	1%
131-140	10	2%
141-150	15	3%
151-160	11	2%
161-170	14	2.8%
171 & Above	5	1%

Distribution of Blood Glucose Values in 2hrs 75 gm DIPSI

GTT	Number	Percentage
61-70	2	.4%
71-80	25	5%
81-90	110	22%
91-100	140	28%
101-110	105	21%
111-120	40	8%
121-130	15	3%
131-140	5	1%
141-150	27	5.4%
151-160	18	3.6%
161-170	13	2.6%
171& Above	5	1%

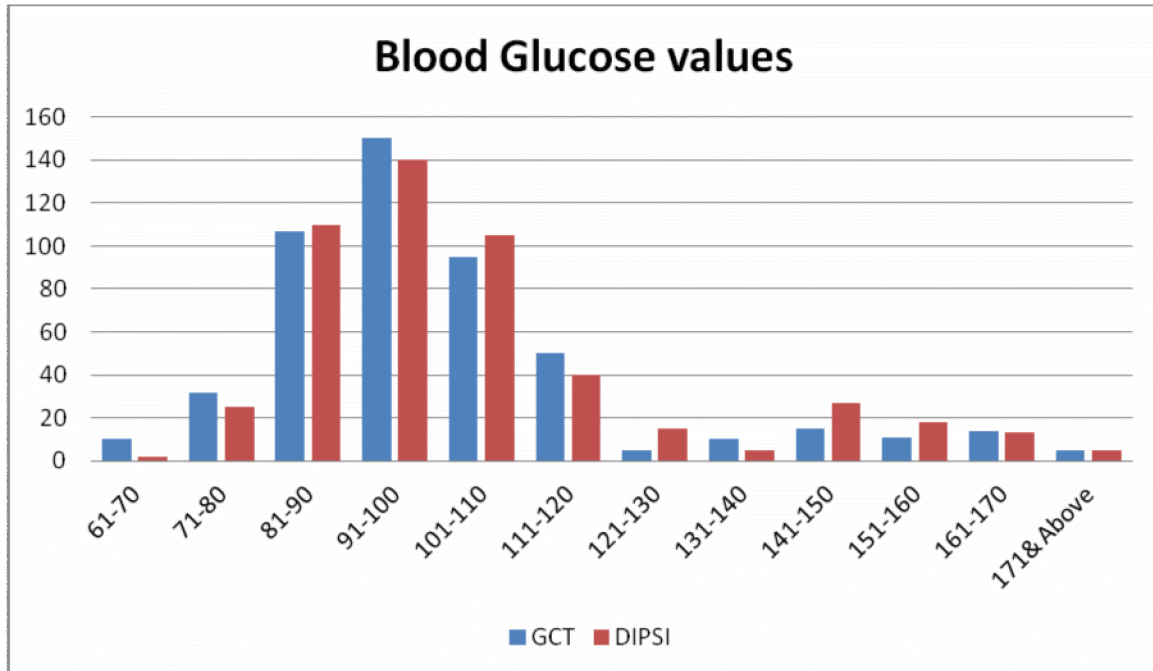


Figure showing Blood glucose level of patients

Gestation Age at Delivery

Gestational Age At Delivery (GCT)

GESTATIONAL AGE		Number of cases in Patients with GDM (GCT)	Number of cases in patients without GDM (GCT)	Total
Term	No. of Pts	37	410	447
	Percentage	83.33%	90.20%	
Pre Term	No. of Pts	8	25	33
	Percentage	16.66%	5.6%	
Post Dated	No. of Pts	0	19	19
	Percentage	0%	4.12%	
TOTAL		45	455	500

Gestational Age at Delivery (DIPSI)

GESTATIONAL AGE		Number of cases in Patients with GDM (DIPSI)	Number of cases in patients without GDM (DIPSI)	Total
Term	No. of Pts	53	376	429
	Percentage	83.33%	86.17%	
Pre Term	No. of Pts	10	27	37
	Percentage	16.66%	6.3%	
Post Dated	No. of Pts	0	23	23
	Percentage	0%	5.3%	
TOTAL		63	437	500

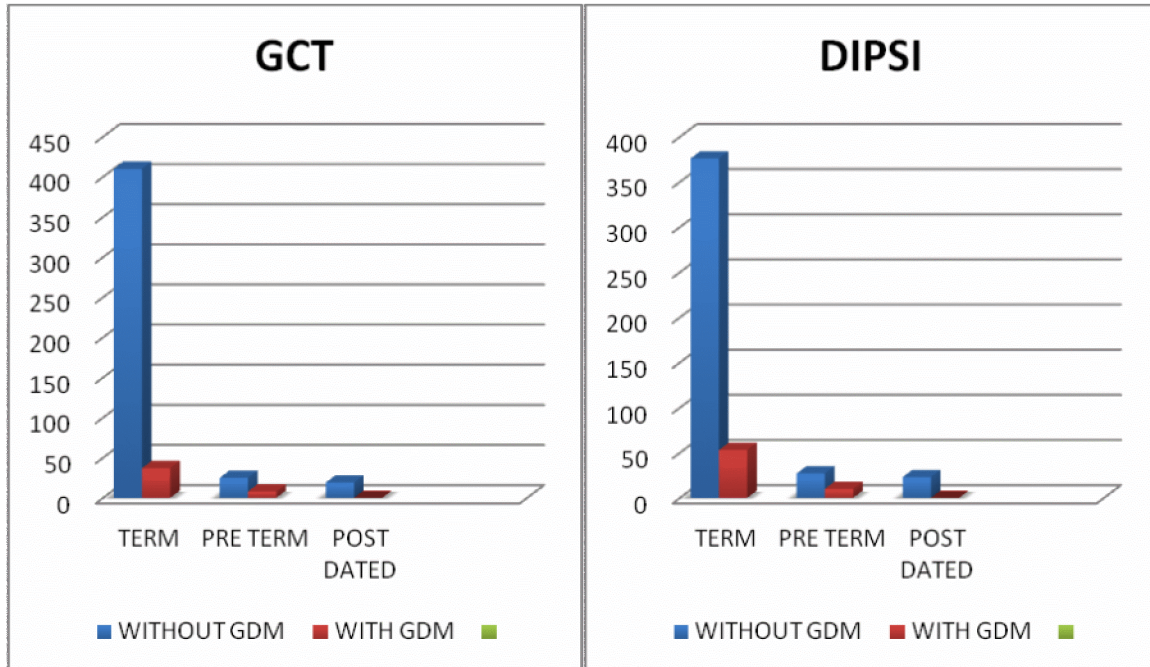


Figure showing Gestational age at delivery

Most of the women with GDM delivered at term.

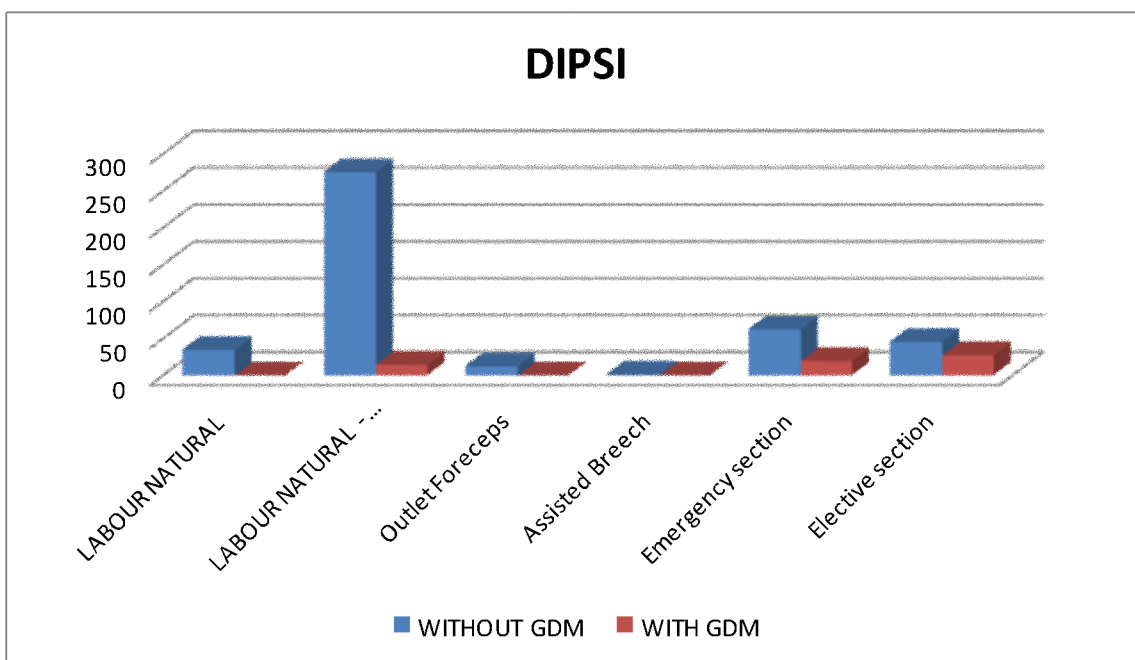
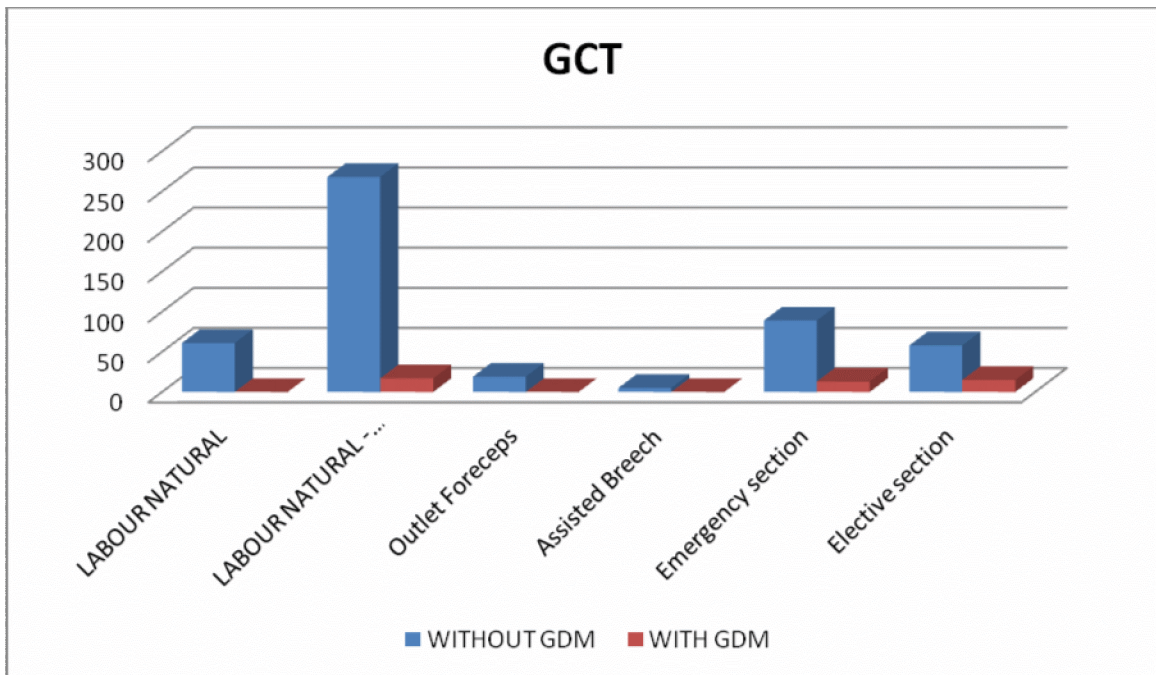
Mode of Delivery

Mode of delivery (GCT)

MODE OF DELIVERY		Number of cases in Patients with GDM (GCT)	Number of cases in patients without GDM (GCT)	Total
Labour Naturale	No. of Pts		61	61
	Percentage		13.54%	
Labour Naturale with episiotomy	No. of Pts	17	251	268
	Percentage	38.88%	55.2%	
Outlet Forceps	No. of Pts		19	19
	Percentage		4.1%	
Assisted breech	No. of Pts		5	5
	Percentage		1.04%	
Emergency Section	No. of Pts	13	76	89
	Percentage	27.77%	16.66%	
Elective Section	No. of Pts	15	43	58
	Percentage	33.33%	9.37%	
TOTAL		45	455	500

Mode of delivery (DIPSI)

MODE OF DELIVERY		Number of cases in Patients with GDM (DIPSI)	Number of cases in patients without GDM (DIPSI)	Total
Labour Naturale	No. of Pts		35	35
	Percentage		8%	
Labour Naturale with episiotomy	No. of Pts	15	276	291
	Percentage	24%	63.3%	
Outlet Forceps	No. of Pts		13	13
	Percentage		3%	
Assisted breech	No. of Pts		2	2
	Percentage		0.5%	
Emergency Section	No. of Pts	20	63	83
	Percentage	31%	14.36%	
Elective Section	No. of Pts	28	46	74
	Percentage	43%	10.6%	
TOTAL		63	437	500



Mode of delivery of patients for GDM study

The total caesarean delivery rate was 61.1% in GCT group and 74% in DIPSI group. This might be due to higher number of previous caesarean rate.

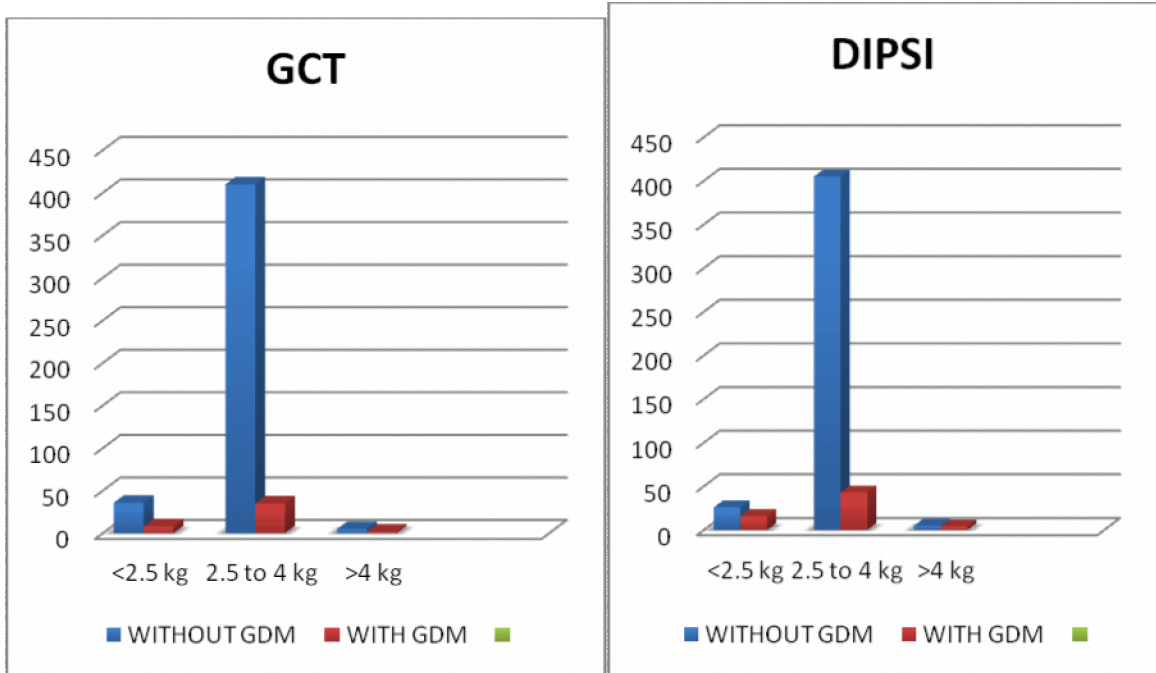
Birth Weight Study

Birth Weight (GCT)

RANGE OF WEIGHT		Number of cases in Patients with GDM (GCT)	Number of cases in patients without GDM (GCT)	Total
<2.5 Kg	No. of Pts	8	36	44
	Percentage	16.66%	8%	
2.5 To 4 Kg	No. of Pts	35	412	447
	Percentage	77.77%	90.20%	
>4 Kg	No. of Pts	2	5	9
	Percentage	4%	1%	
TOTAL		45	455	500

Birth weight (DIPSI)

RANGE OF WEIGHT		Number of cases in Patients with GDM (DIPSI)	Number of cases in patients without GDM (DIPSI)	Total
<2.5 Kg	No. of Pts	16	26	42
	Percentage	25%	6%	
2.5 To 4 Kg	No. of Pts	43	405	449
	Percentage	68%	93%	
>4 Kg	No. of Pts	4	5	9
	Percentage	6%	1.1%	
TOTAL		63	437	500



Birth weight Study for GDM

Majority of babies weighed between 2.5 to 4 Kg in both the groups.

(GCT group 77.77% and DIPSI group 68%)

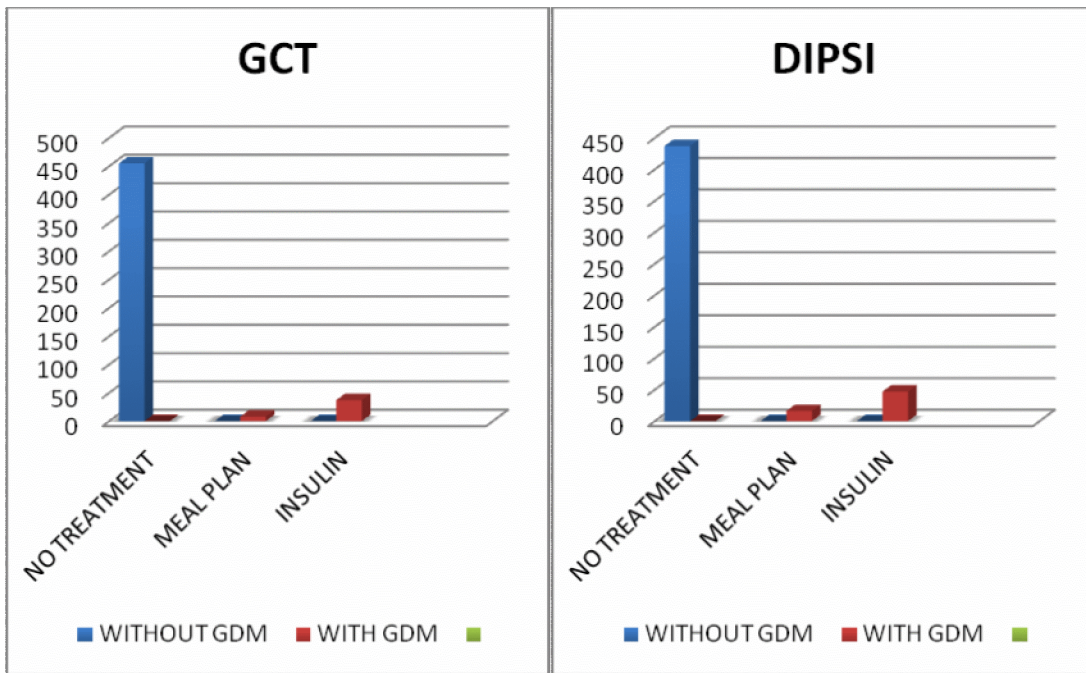
Management of GDM

Management of GDM (GCT)

MANAGEMENT		Number of cases in Patients with GDM (GCT)	Number of cases in patients without GDM (GCT)	Total
No Treatment	No. of Pts	0	455	455
	Percentage		100%	
Meal Plan	No. of Pts	8	0	8
	Percentage	16.66%	0%	
Insulin	No. of Pts	37	0	37
	Percentage	83.33%	0%	
TOTAL		45	455	500

Management of GDM (DIPSI)

MANAGEMENT		Number of cases in Patients with GDM (DIPSI)	Number of cases in patients without GDM (DIPSI)	Total
No Treatment	No. of Pts	0	437	188
	Percentage		100%	
Meal Plan	No. of Pts	16	0	16
	Percentage	25%	0%	
Insulin	No. of Pts	47	0	47
	Percentage	75%	0%	
TOTAL		63	437	500



Management of GDM

Out of 45 patients diagnosed to be GDM 8 was on meal plan and 37 were started on insulin in GCT group. Out of 63 GDM patients in DIPSI group, 16 were on meal plan and 47 were on insulin.

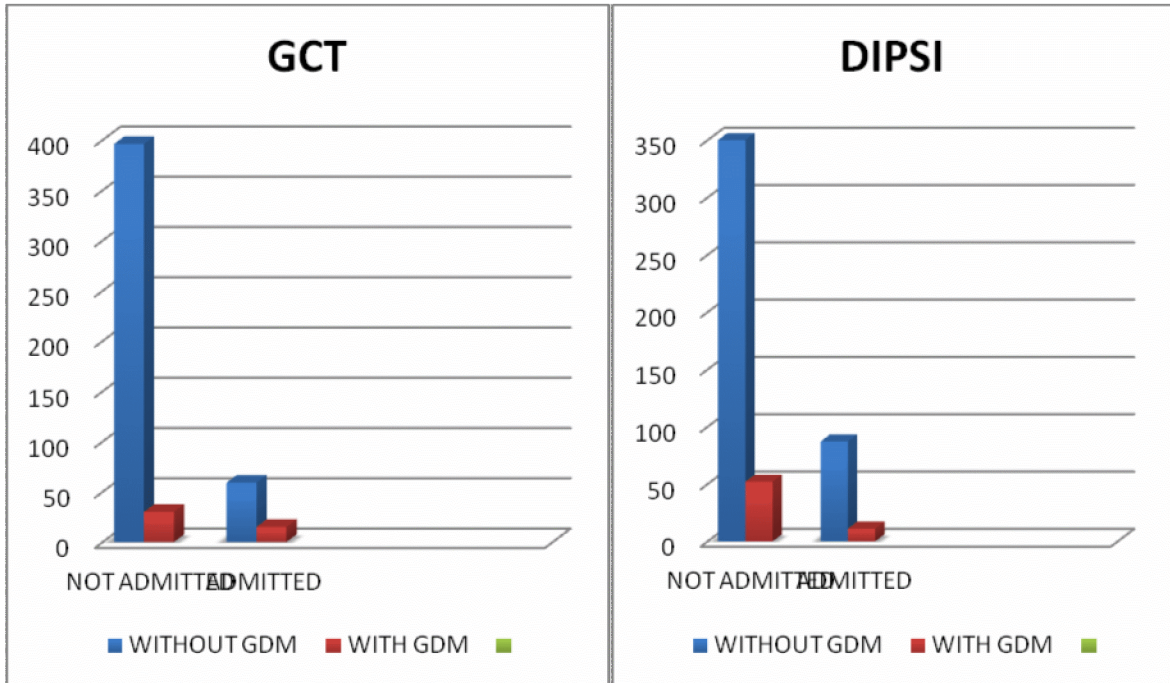
Neonatal Admission

Neonatal Admission (GCT)

ADMISSION STATUS		Number of cases in Patients with GDM (GCT)	Number of cases in patients without GDM (GCT)	Total
Not Admitted	No. of Pts	30	396	426
	Percentage	66.66%	87.11%	
Admitted	No. of Pts	15	59	74
	Percentage	33.33%	12.88%	
TOTAL		45	455	500

Neonatal Admission (DIPSI)

ADMISSION STATUS		Number of cases in Patients with GDM (DIPSI)	Number of cases in patients without GDM (DIPSI)	Total
Not Admitted	No. of Pts	52	350	402
	Percentage	83.33	80%	
Admitted	No. of Pts	11	87	98
	Percentage	16.66%	20%	
TOTAL		45	455	500



Neonatal admission

The reason for neonatal admission was low birth weight, preterm, sepsis, transient tachypnoea of newborn, hypoglycaemia and hyperbilirubinemia.

DISCUSSION

Gestational diabetes mellitus is the most common medical disorder to complicate pregnancy. It not only complicates pregnancy, but is also associated with long term risk for both mother and fetus. Women with GDM have high risk of developing metabolic and cardiovascular disease. This risk increases proportionally to maternal blood glucose concentration. Indians are more prone to develop diabetes, which mandates universal screening. By early identification of women with GDM, we can prevent maternal and perinatal morbidity and also improve long term outcomes for mother and fetus.

In this study group, that involves 1000 pregnant women, 500 were randomly allocated to undergo either GCT or DIPSI.

Majority of patients were in the age group of 21-25 yrs, with a BMI of > 25 kg/m² and 66.66 % were multigravida.

The result of present study was compared with results of various other published studies.

Incidence of GDM:

The incidence of GDM was 9% in GCT group. It has identified 45 cases of GDM among 500 pregnant women.

The incidence of GDM was 12.5% in DIPSI group. It has identified 63 cases of GDM among 500 pregnant women.

The prevalence of GDM in India varies from 3.8% to 21% depending on geographical location.

Prevalence of GDM

Author	Location	Prevalence
Magee	Seattle	3.2-5.0
GCT	Boston	2.5
Beischer	India	15
Ranchod	India	3.8

AGE DISTRIBUTION:

Majority of patients were in the age group of 21-25 yrs in both the groups. Advancing maternal age is associated with increased trend of gestational diabetes.

PARITY:

In our study, the incidence of GDM was about 66.66 % in multigravida in both the groups.

SOCIO-ECONOMIC STATUS:

Socio-economic status was inversely associated with risk of GDM.

The risk of GDM was two-thirds higher in women with lowest socio-economic status. According to Timothy D. Dye et al ⁽⁴⁶⁾, women of higher socio-economic status who were obese and did not exercise had high risk of GDM compared to their counterparts of lower socio-economic status.

In this study, the incidence of GDM was high in women belonging to class V socio-economic status (88.88 % in GCT group and 83.33 % in DIPSI group).

BODY MASS INDEX:

In our study the majority of diabetic patients had BMI of >25 kg/m² (73.33% in GCT group and 83.3% in DIPSI group).

There is strong association between high BMI and GDM which is similar to earlier study by Seshiah et al ⁽⁴⁷⁾ and Shin Y.Kim et al ⁽⁴⁸⁾. The proportion of GDM cases that belong to overweight, obesity and extreme obesity was 15.4%, 9.7% and 21.1% summing upto 46.2%.

Lifestyle intervention to reduce BMI can lower GDM risk.

FAMILY HISTORY OF DIABETES:

GDM was present in 55.55% of patients with positive family history in GCT group and 49.99% in DIPSI group.

Mother was diabetic in 22.22% and 16.66% of diabetic patients in GCT and DIPSI group respectively.

Father was diabetic in 33.33 % of diabetic patients in both the groups.

GESTATIONAL AGE AT DELIVERY:

A study by Yariv Yogev et al ⁽⁴⁹⁾ concluded that there was no difference in rate of spontaneous preterm delivery in GDM patients when compared to non-GDM patients. In our study, nearly all patients with GDM delivered at term.

MODE OF DELIVERY:

In our study, out of 45 patients in GCT group, 38.88% delivered by labour naturale with episiotomy, 27.77% by emergency caesarean and 33.33% by elective caesarean. In DIPSI group, 24% delivered by labour naturale, 31% by emergency caesarean and 43% by elective caesarean. The most common indication for caesarean was fetal distress and previous LSCS. According to study by HAWTHORNE G ROBSON et al ⁽⁵⁰⁾ the caesarean rate in diabetic patients is 75%. GABBE et al ⁽⁵¹⁾ - Caesarean section ranges from 50-80% among GDM patients.

BIRTH WEIGHT:

According to study by R G Moses et al⁽⁵²⁾ the mean birth weight of Infant of Diabetic Mother was 3293+/- 493 g when compared to matched groups, which had a birth weight of 3315+/- 460g.

In our study, majority of babies of diabetic mother weighed between 2.5-4 kg (77.77% in GCT group and 68% in DIPSI group).

The incidence of macrosomia was 4% and 6% in GCT and DIPSI group respectively.

Fetal macrosomia complicates 50% of women with GDM (GABBE⁽⁵³⁾)

NEONATAL CHARACTERISTICS:

In women with well controlled diabetes, the risk of respiratory distress was no higher when compared to general population.

According to study by Kjos and Walther⁽⁵⁴⁾, the incidence of respiratory distress syndrome was 0.95%.

In our study, there was no respiratory symptom. Hyperbilirubinemia was reported in about 38% of pregnancies complicated by GDM. In our study, the incidence of hyperbilirubinemia is 12.5% and the incidence of hypoglycaemia is 12.5% in both the groups.

POSTNATAL FOLLOW-UP:

Only 35 patients in GCT group and 57 patients in DIPSI group came for follow up. In both the groups, GDM patients had normal plasma glucose levels on follow up at 6 weeks using 75 gram OGTT. Only two women in DIPSI group continue to have increased glucose levels even after 6 weeks and were managed appropriately.

SUMMARY

In this study, we compared the efficacy of GCT with DIPSI in the screening of gestational diabetes mellitus.

About 500 antenatal cases were studied in each group.

- The incidence of GDM was 9 % in GCT group when compared to 12.5% in DIPSI group.
- The specificity of GCT method in detecting GDM is only 95% when compared to DIPSI.
- Highest incidence of GDM was observed in age group of 21-25 yrs in both the groups (64.44% in GCT group and 73.01% in DIPSI group). The result was found to be significant.
- Incidence of GDM is more in multigravida in both groups(88.88% in GCT group and 74.66% in DIPSI group). The result was significant.
- Highest prevalence of GDM was noted in patients in Class V socio-economic status in both groups(88.88% in GCT group and 83.33% in DIPSI group).

- Highest prevalence of GDM was observed with BMI > 25 kg/m² in both the groups(73.33% in GCT group and 83.3% in DIPSI group).The result was found to be significant.
- Most of the patients diagnosed to have GDM did not have significant family history.
- Among GDM patients the incidence of polyhydramnios was 6% in GCT group and 6.3 % in DIPSI group.
- Among GDM patients 83.33 % delivered at term in both the groups.
- The incidence of caesarean section was 61.1 % in GCT group and 74% in DIPSI group.
- The birth weight of majority of babies of diabetic mother was in the range of 2.5-4 kg in both the groups (77.77% in GCT group and 68% in DIPSI group).
- Among GDM patients 16.66% % were treated with meal plan and 83.33 % with insulin in GCT group and 25% with meal plan and 75% with insulin in DIPSI group.
- Among GDM patients, the incidence of hypoglycaemia in babies is 12.5% in both the groups.
- The incidence of hyperbilirubinemia is 12.5 % in both the groups.

CONCLUSION

The prevalence of diabetes is increased worldwide by 40% over the past 10 years. All complications associated with GDM are potentially preventable by early identification, monitoring and proper treatment.

SCREENING AND SUBSEQUENT TREATMENT STARTED IN EARLY WEEKS OF PREGNANCY HAS THE POTENTIAL TO DETECT CASES EARLY AND CAN PREVENT OR MINIMISE ADVERSE OBSTETRIC AND PERINATAL OUTCOME.

Screening with 50gm GCT has only 95% specificity compared to screening with 75gm DIPSI.

DIPSI being a one step procedure offers both as a screening and diagnostic test for GDM. It avoids the need of multiple hospital visits, and multiple blood samples.

This one step procedure (DIPSI) of challenging pregnant woman with 75 gram oral glucose appears to be simple, feasible and easily reproducible screening method of GDM.

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PROFORMA

COMPARATIVE STUDY BETWEEN DIPSI AND GCT FOR SCREENING OF GESTATIONAL DIABETES MELLITUS

Name of the patient :

Age :

OP No :

Address :

Socio-economic Status: I II III IV V

Parity :

L.M.P. :

E.D.D. :

Menstrual history : Regular/Irregular

Marital history : Consanguinity / Non-consanguinity

Family history of diabetes: Present / Absent

Father-

Mother-

Risk factor in past pregnancy: Present (specify) / Absent

Risk factor in present pregnancy: Present (specify) / Absent

INVESTIGATIONS:

Urine: Albumin

Sugar

Deposits

Hemoglobin:

Random blood sugar:

Blood urea:

Serum creatinine:

MANAGEMENT:

Meal plan:

Drugs :

MATERNAL AND FETAL OUTCOME:

Delivered at: Term / Preterm / Post EDD

Mode of delivery: LN / Caesarean- Elective / Emergency

Neonate : Alive IUD Stillbirth

Birth weight:

Neonatal complication:

Preterm:

Low birth weight:

Hypoglycaemia:

Hyperbilirubinemia:

Birth asphyxia:

Sepsis:

EXPANSION OF ABBREVIATIONS

ADA	American Diabetes Association
BDR	Background diabetic retinopathy
DIPSI	Diabetes in Pregnancy Study Group India
FFA	Free Fatty Acid
GCT	Glucose Challenge Test
GDM	Gestational Diabetes Mellitus
GGI	Gestational Glucose Intolerance
GLUT	Glucose Transporter
HAPO	Hyperglycaemia and Adverse Pregnancy Outcome
HPL	Human Placental Lactogen
IADPSG	International Association of Diabetes and Pregnancy Study Groups
IDM	Infant of diabetic mother
IGT	Impaired Glucose Tolerance
IRS	Insulin receptor substrate
IUGR	Intrauterine growth restriction
LN	Labour Natural
LSCS	Lower segment Caesarian section
NGT	Normal Glucose Tolerance
OGTT	Oral Glucose Tolerance Test
PDR	Proliferative diabetic retinopathy
WHO	World Health Organization

S.NO	NAME	AGE (Yrs.)	OP. NO.	OBSTETRIC CODE	GESTATIONAL AGE (WEEKS)	WT (Kg)	HT (cm)	BMI (Kg/m ²)	GESTATIONAL AGE AT DELIVERY	MODE OF DELIVERY	SOCIO ECONOMIC CLASS	BIRTH WT (Kg)	TREATMENT	ADMISSION. OF NEONATE	FAMILY HISTORY	DIPSI (mg/dl)
1	Poomayil	22	101327	PRIMI	26	53	147	24.5	TERM	LN	V	3	NO	N	N	98
2	Selvi	22	101354	G2P1L1	24	41	149	18.5	PRETERM	LN	V	3.2	NO	N	F	106
3	Bala	30	101336	G2P1L1	26	46	152	18.9	TERM	LN	V	3.1	NO	N	N	114
4	Mahalaxmi	20	101363	PRIMI	28	48	146	22.5	TERM	LN	V	3.2	NO	N	N	87
5	Sithammal	23	101345	PRIMI	24	61	156	23.2	TERM	LSCS	V	3.5	NO	Y	M	105
6	Saranya	24	101412	G2P1L1	26	54	152	23	TERM	LN	V	3.2	NO	N	N	87
7	Muniswari	21	101386	G2P1L1	24	65	157	26.4	TERM	LSCS	IV	1.8	INSULIN	N	N	143
8	Kavitha	24	101410	PRIMI	26	52	148	23.7	TERM	LN	IV	2.8	NO	N	F	94
9	Kavitha	22	101422	PRIMI	28	49	148	22.4	TERM	LN	IV	2.9	NO	N	N	96
10	Muthumekala	24	48465	G2L1P1	24	51	149	24.5	TERM	LN	IV	3.1	NO	N	N	98
11	Pandeswari	21	94606	PRIMI	26	52	153	22.2	TERM	LN	IV	3.1	NO	N	B	102
12	Priya	23	101637	G2L1P1	28	55	150	24.9	TERM	LN	IV	2.9	NO	N	N	115
13	Lavanya	21	106618	G2L1P1	24	61	160	24.2	TERM	LSCS	III	2.7	NO	N	N	82
14	Priya	22	100820	G2P1L1	26	61	160	21.9	TERM	LN	V	2.8	NO	N	M	95
15	Rupine Basin	23	100794	G2L1P1	24	65	157	26.4	TERM	LSCS	IV	2.9	INSULIN	Y	N	146
16	Vanitha	26	63751	G3P1L0A1	26	70	153	30.1	TERM	LSCS	V	3	NO	N	N	90
17	Rajalakshmi	24	66801	G2P1L1	24	50	161	19.3	TERM	LN	III	1.9	NO	N	F	95
18	Swetha	22	25191	PRIMI	26	52	151	23.4	TERM	LN	IV	3	NO	N	N	106
19	Revathi	23	59834	PRIMI	26	53	147	24.5	TERM	LN	IV	3	NO	N	N	79
20	Kamala	20	97260	PRIMI	24	41	149	18.5	PRETERM	LN	IV	3	NO	N	N	92

21	Nanthini	24	97298	G2L1P1	24	46	152	18.9	TERM	LSCS	III	3	NO	N	N	116
22	Velumani	27	92461	G2L1P1	24	48	146	22.5	TERM	LN	V	3.3	NO	N	N	113
22	Chellakili	26	97466	G2L1P1	28	61	156	23.2	TERM	LN	III	3.4	NO	N	M	77
23	Vinothini	21	92205	G2L1P1	28	54	152	23	TERM	LN	V	3.2	NO	N	N	96
24	Rani	26	97710	PRIMI	26	54	150	21.2	TERM	LN	IV	3.1	MEAL	Y	N	169
25	Poonkavanam	29	51962	G2L1P1	24	60	158	22.1	TERM	LSCS	V	3.5	NO	N	N	94
26	Arulmozhi	24	77392	PRIMI	26	54	160	19.1	TERM	LN	III	3.6	NO	N	N	97
27	Anudevi	27	17738	PRIMI	28	50	146	18.7	POST DATED	LN	V	3.9	NO	N	N	112
28	Vanumathi	20	99779	PRIMI	26	51	150	22.7	TERM	LN	V	2	NO	N	F	116
29	Ajitha	20	99848	PRIMI	24	49	152	21.2	TERM	LN	III	3	NO	N	N	95
30	Venuthai	21	99882	PRIMI	26	46	152	19.9	TERM	LSCS	V	3	NO	N	N	99
31	Yogeswari	24	10053	PRIMI	26	56	160	21.9	PRETERM	LN	V	3	NO	N	N	92
32	Prathiba	21	48614	PRIMI	28	53	155	22.1	TERM	LN	IV	3	INSULIN	N	N	140
33	Ponnuthai	21	99818	PRIMI	28	51	150	22.7	TERM	LN	IV	3.4	NO	N	N	99
34	Selvarani	24	100416	G2P1L1	26	65	157	26.4	TERM	LSCS	IV	2.3	MEAL	N	M	156
35	Dhanalakshmi	21	100481	PRIMI	26	51	163	19.2	TERM	LN	IV	3.6	NO	N	N	86
36	Thamaraiselvi	19	550	PRIMI	24	63	157	25	TERM	LSCS	IV	3	NO	N	N	98
37	Venkateswari	27	69378	G3P1L1A1	26	54	152	24.8	TERM	LN	IV	3.6	NO	N	N	82
38	Vijaya	29	100583	PRIMI	26	56	159	22.4	TERM	LN	IV	3.4	NO	N	F	106
39	Selvi	29	100633	G2L1P1	24	63	164	23.4	TERM	LN	IV	3.5	NO	N	N	88
40	Maheswari	27	100635	G3P1L1A1	28	48	146	21	TERM	LN	IV	3.2	NO	N	M	109
41	Ramya	19	100643	PRIMI	26	51	152	25	TERM	LN	IV	3.2	NO	Y	F	89
42	Revathi	26	101859	G2L1P1	24	50	152	21.6	TERM	LN	III	2.4	NO	N	B	98
43	Veerreswari	22	102362	PRIMI	26	50	161	19.3	TERM	LSCS	V	3.1	NO	N	N	88
44	Krishnaveni	20	98756	PRIMI	24	45	142	22.3	TERM		V	3.2	NO	N	N	105
45	Chellam	29	102416	PRIMI	26	65	157	26	TERM	LSCS	V	3.3	NO	Y	M	72
46	Malarvizhi	21	68544	G2L1P1	24	62	160	22.4	TERM	LN	V	3.3	NO	N	F	104

47	Saranya	30	102461	PRIMI	28	45	142	19.7	POST DATED	LN	V	3	NO	N	N	100
48	Kavitha	25	84450	G2L1P1	26	45	155	18.7	TERM	LN	V	3	NO	N	N	109
49	Shella	22	85461	G3P2L2	24	51	155	24.1	PRETERM	LN	III	3	NO	N	N	72
50	Rasammal	24	94061	G2L1P1	26	48	148	26.5	TERM	LSCS	V	3	NO	N	N	98
51	Vellamal	20	102553	PRIMI	24	46	148	20.1	TERM	LN	V	3	NO	N	N	97
52	Keerthi	23	102086	PRIMI	26	54	148	24.7	TERM	LSCS	V	3	NO	N	N	78
53	Gowshaiya	22	98359	G3P1L1A1	24	68	162	25	TERM	LSCS	V	2	NO	N	F	99
54	Selvi	25	98411	PRIMI	28	52	156	24.2	TERM	LN	IV	3.1	NO	N	F	97
55	Selvi	25	9779	G2P1L1	26	48	148	21.9	TERM	LN	IV	3.2	NO	N	N	98
56	Vaitheswari	22	99090	PRIMI	24	52	158	20.8	TERM	LN	IV	3.2	NO	N	N	101
57	Krishnaveni	20	99159	PRIMI	26	62	156	25.5	TERM	LN	III	2.1	NO	N	N	105
58	Anronashika	27	99114	G2A1	28	65	157	26.4	TERM	LSCS	IV	3.3	INSULIN	N	N	148
59	Sathya	27	99307	G2L1P1	26	48	150	21.3	TERM	LSCS	V	3.4	NO	N	N	86
60	Muthuselvi	21	99042	PRIMI	28	60	156	24.7	TERM	LN	III	3.4	NO	Y	F	104
61	Nithya	27	99799	G2L1P1	26	48	148	21.9	TERM	LN	IV	3.8	NO	N	N	102
62	Mariyammal	24	99409	PRIMI	24	62	156	25.5	TERM	LN	IV	2.1	INSULIN	N	M	182
63	Manimala	23	99418	G2L1P1	24	46	146	21.6	TERM	LN	IV	3.4	NO	N	N	103
64	Kasthuri	23	99473	G3P1L1A1	24	62	156	25.5	PRETERM	LN	IV	3.3	NO	N	N	80
65	Chellamal	30	65001	G2L1P1	26	57	156	24.9	TERM	LN	IV	3.4	INSULIN	N	N	142
66	Priyanka	23	51021	G4P1L1A2	26	46	148	20.1	TERM	LN	IV	3.4	NO	N	B	88
67	Anishka	24	50039	PRIMI	26	54	148	24.7	TERM	LN	IV	3.8	NO	N	F	100
68	Jeeva	23	95078	G4P2L2A1	26	54	152	24.8	TERM	LN	IV	3.2	NO	N	F	88
69	Kanimozhi	23	95102	G2P1L1	28	56	159	22.4	TERM	LN	IV	3.3	NO	N	M	98
70	Priya	26	94722	G4P3L3	28	63	164	23.4	TERM	LSCS	III	3.4	NO	Y	N	87
71	Murugeswari	25	94734	G2P1L1	28	48	146	21	TERM	LN	V	3.4	NO	N	N	104
72	Suganya	25	20813	G3P1L1A1	28	54	152	24.8	TERM	LN	V	3.8	NO	N	N	84
73	Kavitha	22	94812	PRIMI	28	50	152	21.2	TERM	LN	V	3.2	NO	N	N	89

74	Kamachi	23	95410	PRIMI	28	56	159	22.1	TERM	LN	III	2.3	NO	N	N	83
75	Arokiyanithya	31	95148	G2P1L1	28	61	160	26.4	TERM	LSCS	IV	3.4	MEAL	N	N	151
76	Sagunthala	23	95222	G2P1L1	24	77	161	29.7	TERM	LN	IV	3.4	NO	N	N	101
77	Sakkamal	21	98457	G2A1	26	49	142	20.4	TERM	LN	IV	3.8	NO	N	N	96
78	Kaleswari	29	94488	PRIMI	26	50	161	19.3	TERM	LSCS	III	3	NO	N	N	110
79	Nagajothi	28	95421	PRIMI	24	50	155	20.8	TERM	LN	V	2.4	NO	N	N	80
80	Manju	24	68687	G2P1L1	26	50	152	21.6	TERM	LN	V	3.3	NO	Y	N	114
81	Jothi	24	95614	PRIMI	24	68	159	26.1	TERM	LSCS	V	3.4	INSULIN	N	N	152
82	Suguna	27	95630	G4P1L1A2	26	60	157	23.4	TERM	LN	V	3.4	NO	N	N	97
83	Banupriya	22	76077	G2P1L1	24	62	156	25.5	TERM	LSCS	IV	2.4	INSULIN	N	M	147
84	Tharmadevi	20	78790	PRIMI	26	50	161	19.3	TERM	LN	V	3.2	NO	N	N	95
85	Devi	22	78784	PRIMI	28	45	142	22.3	TERM	LN	V	3	NO	N	N	92
88	Manimozhi	23	78787	PRIMI	24	54	160	19.1	TERM	LSCS	V	2.9	NO	Y	N	91
89	Sivakala	27	78815	PRIMI	26	50	161	19.3	TERM	LN	V	3.4	NO	N	F	83
90	Mal	20	78825	PRIMI	24	50	155	20.8	TERM	LSCS	V	3.4	NO	N	N	96
91	Padmavathi	32	79281	G2P1L1	28	45	145	21.4	TERM	LN	V	3.8	NO	Y	N	102
92	Mahalakzhmi	34	79320	PRIMI	26	40	144	19.3	TERM	LSCS	III	2.2	NO	N	B	101
93	Muthuselvi	23	79021	PRIMI	28	68	159	26.1	TERM	LSCS	IV	3	MEAL	N	F	200
94	Nathiya	22	79429	PRIMI	26	65	157	26.4	TERM	LN	IV	3	INSULIN	N	M	145
95	Maithinadevi	21	68007	G2P1L1	28	68	162	25	TERM	LSCS	IV	3.1	NO	N	M	104
96	Kottamani	30	79361	PRIMI	24	63	150	28	TERM	LN	IV	3.8	NO	N	F	96
97	Chitra	30	79589	G2P1L1	26	53	150	23.6	TERM	LN	IV	3.2	NO	N	N	94
98	Savitha	22	796001	PRIMI	24	53	143	22.5	TERM	LSCS	IV	3.4	NO	N	N	97
99	Praveena	21	79398	PRIMI	28	46	148	19.4	TERM	LN	IV	3.3	NO	N	N	101
100	Mahalakshmi	19	64749	G4P1L1A2	26	50	161	19.3	TERM	LN	III	3.4	NO	N	M	72
101	Janura	25	79956	PRIMI	24	50	161	19.3	TERM	LN	V	3.4	NO	N	N	106
102	Rajeshwari	26	49190	PRIMI	24	55	150	24.1	TERM	LSCS	V	3.8	NO	N	N	84

103	Poopathi	30	69244	PRIMI	26	55	152	23.8	TERM	LN	V	3	NO	N	N	100
104	Ramya	22	80061	G3P1L1A1	24	73	158	29.2	TERM	LSCS	V	2	NO	N	N	100
105	Muthulakshmi	25	88131	G2P1L1	28	44	151	19.9	TERM	LN	III	3.4	NO	N	N	101
106	Yogakala	32	37809	G2P1L1	28	68	159	26.1	TERM	LSCS	IV	3.8	MEAL	Y	F	150
107	Sudha	30	67781	G2P1L1	26	55	156	22.6	TERM	LN	V	3.2	NO	N	N	94
108	Vinitha	20	67806	PRIMI	26	42	141	20.3	TERM	LSCS	V	3.3	NO	N	N	116
109	Bala	28	67814	PRIMI	26	67	160	26.2	TERM	LN	V	3.4	NO	N	N	95
110	Nagalakshmi	26	67804	G3P1L1A1	24	50	159	19.8	TERM	LN	V	3.4	NO	N	N	95
111	Pondichelvi	28	67833	PRIMI	24	50	161	19.3	TERM	LSCS	V	3.8	NO	N	F	90
112	Udhayageetha	23	67841	G3P1L1A1	24	50	142	24.8	TERM	LSCS	V	3.4	NO	N	F	89
113	Murugeswari	21	68333	G5P2L2A2	24	50	155	20.8	TERM	LN	V	3.8	NO	N	B	104
114	Chandra	25	68351	PRIMI	26	75	154	31	TERM	LN	V	3.2	NO	N	M	82
115	Jothi	21	50082	G2P1L1	26	62	156	25.5	TERM	LN	IV	3.3	INSULIN	N	N	168
116	Vasanthi	26	68369	PRIMI	24	40	144	19.3	TERM	LN	V	3.4	NO	N	N	100
117	Kalaiselvi	24	68001	G2P1L1	26	65	157	26.4	TERM	LN	IV	2	INSULIN	Y	M	156
118	Gayathri	21	68399	PRIMI	24	68	159	26.1	TERM	LN	V	2	NO	N	N	105
119	Chitadevi	23	68448	PRIMI	26	52	150	21.6	PRETERM	LSCS	V	3.8	NO	N	N	88
120	Chitradevi	20	68454	PRIMI	24	46	148	21	TERM	LN	III	3.2	NO	N	N	90
121	Yagabarathi	23	38774	G2P1L1	26	48	150	17.6	TERM	LSCS	III	3.3	NO	N	N	84
122	Jothi	25	68439	G2P1L1	28	50	152	19.6	TERM	LN	III	3.4	NO	N	N	76
123	Veeramal	25	54401	G3P2L2	24	50	156	23.3	TERM	LSCS	III	3.4	NO	N	N	90
124	Divya	29	43513	G2P1L1	26	57	156	24.6	TERM	LN	V	3.8	NO	N	N	95
125	Umarani	24	68654	G2P1L1	24	50	147	24.4	TERM	LN	V	3.2	NO	N	N	90
126	Sangeetha	24	68306	G2P1L1	28	56	161	21.6	TERM	LN	V	3.3	NO	N	N	83
127	Lakshmi	20	68738	PRIMI	26	50	161	19.3	TERM	LSCS	V	3	NO	Y	N	90

128	Sangeetha	21	90392	PRIMI	24	46	148	21	TERM	LN	V	3.4	NO	N	F	91
129	Rajeswari	25	90423	PRIMI	26	48	150	17.6	TERM	LN	V	3.8	NO	N	N	82
130	Ashwini	21	90453	G2P1L1	28	68	159	26.1	TERM	LSCS	IV	3.2	INSULIN	N	F	146
131	Akila	25	90558	PRIMI	24	68	160	26	PRETERM	LSCS	V	1.8	NO	N	M	110
132	Nasrinisha	19	90578	G3P1L1A1	26	50	161	19.3	TERM	LN	V	3	NO	N	N	84
133	Eswari	30	90586	PRIMI	24	68	160	26	TERM	LN	V	3	NO	N	N	102
134	Devi	19	85259	G2P1L1	28	50	155	20.8	TERM	LN	V	3	NO	Y	F	89
135	Pandiyammal	22	49172	G3P1L1A1	26	62	156	25.5	TERM	LSCS	IV	2.4	INSULIN	Y	M	141
136	Sadaichiyammal	19	90719	PRIMI	24	46	148	21	TERM	LN	IV	2	NO	N	N	82
137	Anusiya	23	90828	PRIMI	24	40	144	19.3	PRETERM	LN	IV	3.1	NO	Y	B	105
138	Eswari	25	90856	G4P1L1A2	26	48	150	17.6	TERM	LSCS	IV	3.3	NO	Y	F	98
139	Nagajothi	24	90865	G3P2L2	24	68	159	26.1	TERM	LN	IV	3.4	NO	N	N	86
140	Jayalakshmi	26	90807	G3P2L2	28	54	160	19.1	TERM	LN	III	3.3	NO	Y	N	87
141	Tharani	21	91832	PRIMI	26	46	148	21	TERM	LN	V	3.5	NO	N	N	101
142	Vijayalakshmi	24	25621	G2P1L1	26	40	144	19.3	PRETERM	LSCS	III	3.6	NO	Y	N	102
143	Subalakshmi	25	91886	G2P1L1	26	50	159	19.8	TERM	LN	V	3.4	NO	N	N	111
144	Geetha	22	91899	G3P1L1A1	28	50	161	19.3	TERM	LSCS	V	3.3	NO	N	N	99
145	Gokiladevi	21	92095	PRIMI	28	50	142	24.8	TERM	LN	V	3.3	NO	N	N	81
146	Nathiya	21	92048	PRIMI	28	48	150	17.6	TERM	LSCS	V	3.1	NO	Y	N	92
147	Anthoni	20	92056	PRIMI	28	50	161	19.3	TERM	LN	V	3.1	NO	Y	F	105
148	Poorani	19	92170	PRIMI	28	50	159	19.8	TERM	LN	V	3.1	NO	N	F	100
149	Sumathi	22	82181	PRIMI	28	50	161	19.3	POST DATED	LN	V	2	NO	Y	N	109
150	Vinothini	21	92205	G2P1L1	28	50	142	24.8	TERM	LSCS	V	3	NO	N	N	96
151	Pavithra	24	92207	G2P1L1	24	40	144	19.3	TERM	LN	III	3	NO	N	N	96
152	Amutha	27	92210	PRIMI	26	65	157	26.4	TERM	LSCS	III	3	MEAL	N	F	161
153	Anusiya	22	92250	G3P3L1	26	65	157	26.4	TERM	LSCS	V	3	NO	N	N	85

154	Kamathenu	30	92312	G2P1L1	24	68	159	26.1	TERM	LN	V	3	NO	N	N	82
155	Asmabegam	21	92446	PRIMI	26	75	162	29	TERM	LSCS	V	1.9	NO	Y	F	105
156	Sundhoniypriya	24	92056	G2P1L1	24	65	157	26.4	TERM	LSCS	IV	2.1	INSULIN	N	M	164
157	Nathiya	24	85451	G3P1L1A1	26	50	161	19.3	TERM	LN	V	3.4	NO	N	N	87
158	Manjuladevi	23	64675	G2P1L1	24	52	150	21.6	TERM	LSCS	V	3.3	NO	N	N	90
159	Karthika	24	60638	PRIMI	26	46	148	21	TERM	LN	III	3.6	NO	N	B	84
160	Priya	22	49177	G2P1L1	28	48	150	17.6	TERM	LN	V	3.5	NO	N	F	89
161	Gayathri	19	25911	PRIMI	24	50	152	19.6	PRETERM	LN	III	2.1	NO	N	N	92
162	Punitha	26	93226	G3P1L1A1	26	50	156	23.3	TERM	LN	V	3.1	NO	N	N	95
163	Devi	23	27786	PRIMI	28	57	156	24.6	POST DATED	LSCS	III	3.3	NO	Y	N	82
164	Chitra	22	79164	PRIMI	28	50	147	24.4	TERM	LN	IV	3.4	NO	Y	N	94
165	Sunitha	21	79184	PRIMI	28	56	161	21.6	TERM	LN	IV	3.3	NO	N	N	97
166	Karthika	23	33982	PRIMI	24	68	159	26.1	TERM	LSCS	IV	3.5	INSULIN	N	N	157
167	Karthika	22	93406	G3P1L1A1	26	50	161	19.3	TERM	LN	IV	3	NO	N	N	107
168	Anbudevi	25	93423	PRIMI	26	68	157	27	TERM	LN	IV	3.2	NO	Y	N	108
169	Anusuya	21	93444	PRIMI	24	48	150	17.6	TERM	LN	IV	3.3	NO	N	F	99
170	Ramya	25	80061	G2P1L1	26	52	150	21.6	TERM	LN	IV	3.4	NO	Y	N	100
171	Anusuya	28	93540	PRIMI	24	46	148	21	TERM	LN	IV	3.3	NO	N	M	102
172	Jayasudha	26	93652	G2P1L1	26	48	150	17.6	TERM	LSCS	IV	3.5	INSULIN	N	F	141
173	Manjula	26	41014	G3P2L2	24	54	160	19.1	PRETERM	LN	III	3	NO	N	N	88
174	Sumithra	26	98802	G2P1L1	26	42	141	20.3	TERM	LSCS	V	2	NO	N	B	82
175	Ramyadevi	18	93824	PRIMI	26	50	161	19.3	TERM	LN	V	3.2	NO	Y	F	97
176	Suganya	24	94060	G2P1L1	24	50	159	19.8	POST DATED	LN	III	3.3	NO	N	N	94
177	Malarkodi	23	94124	G2P1L1	26	50	161	19.3	TERM	LN	III	3.4	NO	N	N	73
178	Selvi	25	90856	G3P2L2	24	50	142	24.8	TERM	LSCS	V	3.3	NO	N	N	93

179	Gousalya	25	94320	PRIMI	28	68	159	26.1	TERM	LSCS	IV	3.5	INSULIN	N	M	168
180	Indhumathi	21	94380	G2A1	26	50	161	19.3	TERM	LSCS	V	3	NO	N	N	99
181	Pravina	23	49896	G2P1L1	24	50	142	24.8	TERM	LN	V	3	NO	N	N	112
182	Velmalai	23	63124	G2P1L1	26	65	157	26.4	TERM	LN	V	3	NO	Y	N	153
183	Lakshmi	20	94384	PRIMI	24	79	160	31	TERM	LSCS	V	4.4	NO	N	F	99
184	Deepa	20	94383	G2P1L1	26	57	156	24.6	TERM	LN	V	3.3	NO	Y	F	98
185	Karthilakshmi	25	94390	G2P1L1	24	50	147	24.4	TERM	LN	V	3.4	NO	Y	N	112
186	Gousalya	21	94400	G2P1L1	28	56	161	21.6	TERM	LSCS	V	3.3	NO	N	N	95
187	Bakkiyam	22	84810	G2P1L1	26	50	159	19.8	TERM	LN	V	3.5	NO	Y	N	101
188	Vasanthi	28	94784	G3P2L2	24	65	157	26	TERM	LSCS	V	3.5	NO	N	N	99
189	Kaleeswari	29	94893	PRIMI	26	55	156	22.6	TERM	LN	V	3	NO	N	F	110
190	Soumya	22	85183	PRIMI	28	42	141	20.3	TERM	LSCS	V	3	NO	N	N	83
191	Sivaranjini	19	94930	PRIMI	26	48	150	17.6	PRETERM	LN	V	3	NO	N	N	97
192	Ramalakshmi	27	94943	G2P1L1	28	48	150	17.6	POST DATED	LN	IV	3	NO	Y	N	91
193	Jhansi	29	94889	G2P1L1	26	50	161	19.3	TERM	LSCS	III	3.3	NO	N	N	81
194	Suguna	32	94940	G3P1L1A1	24	54	160	19.1	TERM	LN	V	3.1	NO	N	N	97
195	Sakammal	21	74571	G2A1	24	57	156	24.6	TERM	LN	V	3.3	NO	N	N	96
196	Malar	33	95027	G2P1L1	24	63	154	26	PRETERM	LN	V	3	NO	N	M	93
197	Nagajothi	26	67804	G2P1L1	26	50	142	24.8	TERM	LN	V	3.1	NO	N	F	95
198	Dhanapriya	24	78311	PRIMI	24	48	150	17.6	TERM	LN	V	3.3	NO	N	N	102
199	Poomayil	22	101337	PRIMI	24	65	157	26.4	TERM	LN	IV	3.4	NO	N	N	97
200	Muthumelaka	25	48444	G2P1L1	26	65	157	26.4	TERM	LSCS	IV	3.3	NO	Y	N	98
201	Subalakshmi	18	81473	PRIMI	24	50	147	24.4	TERM	LN	IV	3.5	NO	Y	N	105
202	Sowmya	23	15391	G2P1L1	26	56	161	21.6	TERM	LN	IV	3	NO	Y	N	75
203	Parameswari	22	42278	PRIMI	24	68	159	26.1	TERM	LSCS	IV	3	MEAL	N	N	152
204	Kavitha	25	15525	G2P1L1	28	157	65	26	TERM	LN	V	3.2	NO	Y	M	126
205	Kavya	25	15537	PRIMI	26	53	143	22.5	TERM	LN	V	3	NO	N	F	105

206	Sundradevi	21	15590	PRIMI	26	46	148	19.4	TERM	LN	V	2.4	NO	N	N	82
207	Nayanthari	30	15608	G3A2	26	50	161	19.3	TERM	LN	V	3.3	NO	N	N	89
208	Gayathri	29	15700	G2P1L1	28	62	152	26.8	TERM	LN	III	3.4	NO	N	N	102
209	Selvi	24	12386	G2P1L1	28	65	157	26.4	TERM	LSCS	IV	3.3	INSULIN	Y	F	141
210	Manimegalai	21	177171	PRIMI	28	55	152	23.8	TERM	LSCS	III	3.5	NO	N	N	76
211	Kaleswari	22	177564	PRIMI	28	48	150	17.6	TERM	LN	V	3	NO	N	M	99
212	Aruna	22	138377	PRIMI	28	48	150	17.6	PRETERM	LN	III	3.3	NO	N	N	79
213	Mahalakshmi	21	15871	PRIMI	28	46	148	21	TERM	LN	V	3.4	NO	N	N	109
214	Manipriya	27	9113	PRIMI	28	55	156	22.6	TERM	LN	V	3.3	NO	N	N	87
215	Shanmugapriya	19	1451	PRIMI	24	42	141	20.3	TERM	LN	V	3.5	NO	N	N	90
216	Kokila	23	26451	G2P1L1	26	67	160	26.2	POST DATED	LSCS	V	3	NO	Y	N	102
217	Arumugam	28	1750	G6P3L3A2	26	50	159	19.8	TERM	LN	IV	2.5	NO	Y	N	90
218	Kavitha	24	4421	PRIMI	24	55	156	22.6	TERM	LN	IV	3	NO	N	N	103
219	Kalyani	40	171383	G2P1L1	26	154	65	27	TERM	LSCS	V	3.4	NO	N	F	105
220	Mathuragini	19	17171	G3A2	24	50	159	19.8	POST DATED	LN	V	3	NO	N	F	90
221	Muthulakshmi	20	21482	G2P1L1	26	50	154	20	TERM	LN	V	3.1	NO	N	N	90
222	Vimaladevi	21	2346	PRIMI	24	68	159	26.1	TERM	LSCS	IV	3.2	MEAL	N	M	162
223	Vasanthi	22	21552	PRIMI	26	42	141	20.3	PRETERM	LN	V	2	NO	N	N	89
224	Nagalakshmi	24	21600	G2P1L1	28	50	161	19.3	TERM	LN	V	3	NO	N	N	90
225	Parameswari	19	20973	PRIMI	24	50	159	19.8	TERM	LN	V	3	NO	N	N	85
226	Pungadevi	27	21691	G2P1L1	26	50	154	20	TERM	LN	V	3.3	NO	Y	N	68
227	Karthika	23	168505	G2P1L1	28	68	159	26.1	TERM	LSCS	IV	3.3	INSULIN	N	F	158
228	Pavithra	19	23050	PRIMI	28	55	156	22.6	TERM	LN	V	3.4	NO	Y	N	109
229	Priya	22	2939	G2P1L1	28	42	141	20.3	TERM	LN	III	3.3	NO	N	N	98
230	Rani	27	23411	G2P1L1	24	68	159	26.1	TERM	LSCS	IV	3.5	NO	N	N	109
231	Santhya	20	152435	PRIMI	26	50	152	21.6	PRETERM	LN	IV	2.4	NO	N	N	102
232	Vegalakshmi	22	16304	G2P1L1	26	48	150	17.6	TERM	LSCS	IV	3.3	MEAL	N	N	142
233	Muthulakshmi	21	19742	PRIMI	24	55	156	22.6	TERM	LN	IV	3.4	NO	N	M	105

234	Annalakshmi	20	152078	PRIMI	26	42	141	20.3	TERM	LN	V	3.3	NO	N	F	108
235	Sathya	20	170513	PRIMI	24	48	150	17.6	TERM	LSCS	V	3.5	NO	Y	N	109
236	Shanthi	26	23530	PRIMI	26	50	159	19.8	TERM	LSCS	V	3	NO	Y	N	93
237	Harshitha	22	23548	PRIMI	24	50	154	20	TERM	LN	V	3.3	NO	Y	N	108
238	Annalakshmi	20	23568	PRIMI	26	46	148	21	TERM	LN	V	3.4	NO	Y	N	92
239	Dhanalakshmi	19	22752	PRIMI	26	70	160	28	TERM	LSCS	V	3.3	NO	Y	M	88
240	Shanthi	21	4812	PRIMI	24	65	157	26.4	TERM	LN	V	3	NO	Y	F	115
241	Deepalakshmi	18	77600	PRIMI	26	50	147	24.4	POST DATED	LN	V	3	NO	Y	N	114
242	Pavithra	19	1021	PRIMI	24	56	161	21.6	TERM	LN	IV	2.4	NO	Y	N	117
243	Pandiyammal	24	12721	PRIMI	28	48	150	17.6	PRETERM	LN	IV	3.1	NO	N	N	89
244	Raevathy	25	15471	PRIMI	26	55	156	22.6	TERM	LSCS	IV	3.2	NO	N	M	88
245	Muthupriya	28	13944	G3P2L2	24	42	141	20.3	TERM	LN	IV	3.3	NO	N	N	94
246	Sathya	20	170551	PRIMI	26	55	156	22.6	TERM	LN	IV	3.3	NO	N	N	84
247	Kaliyammal	21	176599	PRIMI	24	42	141	20.3	TERM	LN	IV	3.1	NO	N	N	88
248	Lakshmi	20	350899	PRIMI	26	59	160	23	TERM	LN	V	3.4	NO	Y	N	116
249	Vasanthi	24	488	PRIMI	24	50	154	20	TERM	LN	V	3.1	NO	N	F	102
250	Eswari	22	615	PRIMI	28	46	148	21	TERM	LN	V	3.2	NO	N	N	98
251	Lokeshwari	20	689	G2A1	26	48	150	17.6	TERM	LN	V	3.3	NO	N	N	83
252	Suganya	23	9080	G2P1L1	24	50	161	19.3	TERM	LN	V	3.3	NO	Y	N	84
253	Priya	20	150892	PRIMI	26	62	152	26.8	PRETERM	LSCS	III	3.1	NO	N	N	105
254	Shanmugapriya	27	9113	PRIMI	28	55	150	24.1	TERM	LSCS	V	3	NO	N	N	100
255	Parasakthi	29	163859	G2P1L1	26	75	154	31	PRETERM	LSCS	IV	2.1	INSULIN	N	N	147
256	Gayathri	21	16587	G2P1L1	28	46	148	21	TERM	LN	III	3.3	NO	N	N	103
257	Nanthini	21	151080	PRIMI	26	55	156	22.6	TERM	LN	V	3.1	NO	N	N	137
258	Gowri	24	9451	PRIMI	24	75	165	27	TERM	LSCS	V	4.3	NO	N	N	86
259	Chitradevi	19	9499	G2P1L1	24	44	151	19.9	TERM	LN	IV	3.5	NO	N	F	100
260	Dhanalakshmi	23	9506	PRIMI	24	48	150	17.6	TERM	LN	IV	3	NO	N	N	87
261	Anupriya	22	145401	G2P1L1	26	55	156	22.6	TERM	LN	III	3.3	NO	N	N	116

262	Deivanai	28	9512	PRIMI	24	50	161	19.3	TERM	LN	IV	3.4	NO	N	N	76
263	Ranga	19	9495	PRIMI	24	68	152	29	TERM	LN	IV	3.5	NO	N	N	124
264	Divya	23	9527	G2P1L1	26	55	150	24.1	TERM	LN	V	3	NO	N	F	93
265	Mala	31	9607	G2A1	24	55	152	23.8	TERM	LSCS	V	2	NO	N	N	100
266	Indhu	24	9632	G2P1L1	26	73	158	29.2	POST DATED	LN	V	3.5	NO	N	N	120
267	Seethalakshmi	22	9631	G3P1L1A1	24	48	150	17.6	TERM	LSCS	V	3	NO	N	N	100
268	Priyanka	25	9651	G2P1L1	28	46	148	21	TERM	LN	III	3.3	NO	N	M	78
269	Mahalakshmi	21	9596	G2P1L1	26	55	156	22.6	TERM	LSCS	V	3.4	NO	N	N	101
270	Amutha	21	65435	G2P1L1	26	42	141	20.3	TERM	LN	V	3.3	NO	N	N	111
271	Pariyammal	23	9918	PRIMI	26	48	150	17.6	PRETERM	LN	V	3.5	NO	N	N	88
272	Shobana	23	23249	G2P1L1	28	42	141	20.3	POST DATED	LN	V	3	NO	Y	N	102
273	Nagalakshmi	24	28822	G2P1L1	28	75	154	31	TERM	LSCS	IV	3	MEAL	N	F	164
274	Shanmugapriya	24	28254	G4P2L1A1	28	50	152	21.6	TERM	LN	V	3	NO	Y	N	87
275	Nithya	21	2837	G2P1L1	28	46	148	21	TERM	LSCS	III	2.3	NO	N	M	93
276	Nithya	20	25038	PRIMI	28	55	156	22.6	TERM	LN	V	3.2	NO	N	F	101
277	Meenalakshmi	20	25052	PRIMI	28	48	150	17.6	TERM	LN	V	3.1	NO	N	N	106
278	Mahalakshmi	21	25136	PRIMI	28	67	160	26.2	TERM	LN	V	3.2	NO	N	N	96
279	Murugeswari	26	2721	G2A2	24	65	157	26.4	TERM	LSCS	IV	3.1	INSULIN	N	N	189
280	Veeralakshmi	23	25682	G3P1L1A1	26	44	151	19.9	TERM	LN	V	3.1	NO	N	N	81
281	Kalyani	29	25667	PRIMI	26	65	157	26	TERM	LN	V	3	NO	N	F	106
282	Desiyapriya	20	25052	G2P1L1	24	61	154	25	TERM	LSCS	V	2.9	NO	N	N	106
283	Vijayalakshmi	29	141423	G4P1L1A2	26	50	161	19.3	POST DATED	LN	V	3	NO	N	F	130
284	Veeralakshmi	21	25052	G2P1L1	24	75	154	31	TERM	LSCS	IV	3	INSULIN	N	N	191
285	Gayathri	30	137061	G2P1L1	26	55	150	24.1	TERM	LN	III	3	NO	Y	N	106
286	Vedhamani	19	23774	G2P1L1	24	55	152	23.8	TERM	LN	V	2	NO	N	N	85
287	Dhanalakshmi	23	9506	G2A1	26	55	156	22.6	TERM	LN	IV	3.1	NO	N	N	97
288	Surya	20	25862	G2P1L1	28	42	141	20.3	TERM	LN	V	3.3	NO	N	N	106

289	Manimegalai	19	25893	G2P1L1	24	48	150	17.6	TERM	LN	V	3	NO	N	M	105
290	Harshini	24	267193	G2P1L1	26	55	152	23.8	TERM	LSCS	III	3.1	NO	N		106
291	Subai Melai	22	26058	PRIMI	28	73	158	29.2	POST DATED	LN	V	3.2	NO	Y	M	82
292	Poongavani	29	27392	G2P1L1	28	48	150	17.6	TERM	LN	IV	3.1	NO	N	N	88
293	Kasthuri	24	23869	G2P1L1	28	68	159	26.1	TERM	LSCS	IV	2.4	MEAL	N	F	145
294	Vanitha	28	2162	PRIMI	24	46	148	21	PRETERM	LSCS	IV	3	NO	N	N	98
295	Jayanthi	19	31094	G2P1L1	26	55	156	22.6	TERM	LSCS	IV	3	NO	N	N	122
296	Vindhu	24	32135	G2P1L1	26	42	141	20.3	TERM	LN	IV	3	NO	N	N	110
297	Kasthuri	20	32331	PRIMI	24	68	159	26.1	TERM	LN	IV	3	NO	N	N	125
298	Nithya	22	33515	G2P1L1	26	75	154	31	TERM	LSCS	IV	3	NO	N	N	91
299	Nali	21	47776	G2P1L1	24	62	152	26.8	TERM	LN	V	3.3	NO	N	F	98
300	Sivaganthi	23	33526	PRIMI	26	55	150	24.1	TERM	LSCS	V	3.4	INSULIN	N	N	152
301	Mahalakshmi	21	33522	G2P1L1	24	55	152	23.8	TERM	LN	III	3.3	NO	N	N	96
302	Muthurathi	20	33527	PRIMI	26	48	150	17.6	TERM	LSCS	V	3.5	NO	N	N	91
303	Gineswari	20	10428	G2P1L1	26	48	150	17.6	TERM	LN	V	3	NO	N	N	66
304	Mahalakshmi	24	33554	G2P1L1	24	46	148	21	TERM	LN	IV	3.3	INSULIN	Y	N	167
305	Pandiyammal	22	33585	PRIMI	26	50	161	19.3	TERM	LSCS	IV	3.4	NO	N	N	80
306	Subhalakshmi	22	38594	G3P2L2	24	42	141	20.3	TERM	LN	V	3.5	NO	N	N	101
307	Sowmya	30	32077	G2P1L1	28	67	160	26.2	PRETERM	LN	IV	3	NO	N	N	98
308	Saranya	22	15461	G2P1L1	26	48	150	17.6	TERM	LN	III	3.3	NO	N	N	98
309	Priya	22	25333	G2P1L1	24	75	154	31	TERM	LSCS	IV	3.4	NO	N	N	104
310	Subhalakshmi	23	28354	PRIMI	26	50	142	24.8	TERM	LN	V	3	NO	N	N	81
311	Hema	20	29243	G2P1L1	24	50	159	19.8	POST DATED	LN	IV	3.1	NO	N	N	100
312	Lakshmi	30	29292	G2P1L1	26	65	157	26.4	TERM	LN	V	3.2	NO	N	N	88
313	Pandiyammal	19	29303	G2P1L1	24	68	159	26.1	TERM	LSCS	IV	3.3	NO	N	N	79
314	Nithya	20	29318	PRIMI	28	48	150	17.6	TERM	LN	V	3.3	NO	N	N	91
315	Jayapriya	23	29372	G2P1L1	26	65	157	26.4	TERM	LSCS	IV	3.1	MEAL	N	F	151
316	Jayakodi	24	29386	G2P1L1	24	48	150	17.6	TERM	LN	V	3.2	NO	Y	F	104

317	Annalakshmi	21	25119	G2P1L1	26	75	154	31	TERM	LSCS	V	3	INSULIN	N	N	144
318	Veeralakshmi	27	29427	G3P1L1A1	28	42	141	20.3	TERM	LN	V	3	NO	N	N	125
319	Jayaganthi	19	29577	G2P1L1	26	67	160	26.2	TERM	LN	III	3	NO	N	N	87
320	Jayanthara	23	29563	G2P1L1	28	68	157	27	TERM	LN	V	3.4	NO	N	N	88
321	Sathya	20	29613	G2L1P1	26	50	161	19.3	TERM	LN	V	3.1	NO	N	F	89
322	Vaithyalakshmi	24	29776	PRIMI	24	50	159	19.8	TERM	LN	V	3	NO	N	F	115
323	Mariyammal	23	27808	PRIMI	24	72	152	31	TERM	LSCS	V	3.2	INSULIN	Y	F	155
324	Sundrapriya	38	29885	G2P1L1	24	48	150	17.6	TERM	LN	V	3.1	NO	N	N	87
325	Sathya	24	29900	G2P1L1	26	48	150	17.6	TERM	LN	V	3.5	NO	N	N	113
326	Muthumari	22	29890	G2P1L1	24	75	154	31	TERM	LN	III	3.6	NO	N	N	102
327	Krishnapriya	20	29972	G2A1	24	46	148	21	TERM	LN	V	3	NO	Y	N	92
328	Selvalakshmi	23	29970	G2P1L1	26	55	156	22.6	POST DATED	LN	V	3.4	NO	N	N	103
329	Meenachi	23	30091	PRIMI	24	75	154	31	TERM	LSCS	V	3.3	NO	Y	N	80
330	Ashwini	23	30147	G2P1L1	26	73	158	29.2	TERM	LN	III	3.5	NO	N	N	94
331	Kanagajothi	28	30129	G2P1L1	24	48	150	17.6	TERM	LSCS	IV	2.4	INSULIN	N	F	158
332	Lakshmi	30	29292	G2P1L1	28	68	155	28	TERM	LN	V	3.5	NO	N	F	98
333	Kirthiga	29	39992	G2P1L1	26	50	161	19.3	TERM	LN	IV	3.1	NO	N	N	109
334	Balalakshmi	31	33990	G2P1L1	26	50	142	24.8	TERM	LN	V	3.2	NO	N	N	126
335	Sujitha	20	15995	PRIMI	26	48	150	17.6	TERM	LN	IV	3.3	NO	N	N	86
336	Sangapriya	30	34061	G2P1L1	28	50	161	19.3	PRETERM	LSCS	V	3.3	NO	N	N	87
337	Ramya	23	34076	G2P1L1	28	46	148	21	TERM	LN	III	2	NO	N	N	113
338	Mahalakshmi	18	36760	G3P2L2	28	44	151	19.9	TERM	LSCS	V	3.3	NO	N	N	98
339	Kalavathi	29	54118	G3P2L2	28	75	154	31	TERM	LN	V	3	NO	N	N	83
340	Chipodi	29	25342	G2P1L1	28	65	157	26.4	PRETERM	LSCS	V	4.4	INSULIN	N	F	168
341	Vel	28	35121	G2P1L1	28	75	154	31	TERM	LN	V	3	NO	N	M	118
342	Jaya	24	32030	PRIMI	28	48	150	17.6	TERM	LSCS	III	3	NO	N	F	82
343	Meena	21	34144	G2P1L1	24	50	159	19.8	POST DATED	LN	V	3	NO	Y	N	111
344	Manga	21	34156	G2P1L1	26	48	150	17.6	TERM	LN	V	2	NO	N	N	96

345	Rajeswari	19	25939	PRIMI	26	48	150	17.6	TERM	LN	V	3.1	NO	N	N	108
346	Pavithra	22	3951	G2P2L2	24	65	157	26.4	TERM	LSCS	V	3.2	MEAL	N	N	141
347	Gayathri	20	34436	PRIMI	26	72	162	27	PRETERM	LSCS	V	3	NO	Y	N	115
348	Shobana	19	34489	G2P1L1	24	62	152	26.8	TERM	LN	V	3.3	NO	N	F	110
349	Chitradevi	22	35421	PRIMI	26	55	150	24.1	TERM	LN	V	3	NO	N	N	93
350	Kumutha	21	327202	G2P1L1	24	75	160	29	PRETERM	LN	V	1.9	NO	N	M	90
351	Shanmugapriya	23	37539	G2P1L1	26	42	141	20.3	TERM	LN	V	3.4	NO	N	N	96
352	Vanitha	23	8470	G2P1L1	28	50	161	19.3	TERM	LN	III	3.5	NO	Y	N	101
353	Kaleeswari	24	39698	PRIMI	24	75	154	31	TERM	LSCS	IV	3.6	NO	N	N	88
354	Banupriya	20	38812	G2P1L1	26	48	150	17.6	TERM	LN	III	3.5	NO	N	N	96
355	Kavitha	20	41179	G2P1L1	28	50	142	24.8	TERM	LN	V	3	NO	Y	N	90
356	Parvathya	26	41176	G2P1L1	28	62	152	26.8	PRETERM	LN	V	3	INSULIN	N	N	166
357	Sowmya	19	41239	PRIMI	28	50	161	19.3	TERM	LN	V	3	NO	N	N	100
358	Vanitha	27	31934	G2P1L1	24	79	160	31	TERM	LSCS	V	3	NO	N	N	101
359	Brintha	22	48556	PRIMI	26	48	150	17.6	TERM	LN	III	3	NO	N	F	115
360	Krishnapriya	21	41482	G2P1L1	26	68	159	26.1	TERM	LSCS	IV	4.3	INSULIN	N	F	146
361	Rajakumari	24	41479	G2P1L1	24	52	150	21.6	POST DATED	LN	V	3	NO	N	N	83
362	Selvi	20	41544	PRIMI	26	75	154	31	TERM	LSCS	V	2.4	INSULIN	Y	F	152
363	Saranya	29	41690	G2P1L1	24	48	150	17.6	POST DATED	LN	V	3	NO	N	N	112
364	Pushpapriya	20	41715	PRIMI	26	50	159	19.8	TERM	LN	V	3	NO	N	N	83
365	Gayathri	26	41738	PRIMI	24	50	161	19.3	TERM	LN	V	3	NO	N	N	127
366	Sagayam	30	41746	G2P1L1	26	50	161	19.3	TERM	LN	V	3	NO	N	N	79
367	Bhakyam	30	41594	G2P1L1	26	55	156	22.6	TERM	LN	V	3.1	NO	N	N	118
368	Bavana	25	41749	G3A2	24	75	154	31	TERM	LN	V	3.41	NO	N	N	99
369	Muthulakshmi	26	72119	G3P2L2	26	73	158	29.2	PRETERM	LSCS	IV	3.4	INSULIN	N	N	141
370	Papathy	26	41990	PRIMI	24	52	160	20	PRETERM	LN	V	2	NO	N	N	107
371	Muthulakshmi	24	5371	G3P2L2	28	48	150	17.6	TERM	LN	V	3	NO	Y	F	104
372	Kalaivani	22	5816	G2P1L1	26	50	142	24.8	TERM	LSCS	V	3	NO	Y	N	135

373	Veeralakshmi	22	18231	G2P1L1	24	50	159	19.8	TERM	LSCS	V	3	NO	Y	N	87
374	Kokila	22	5846	G2P1L1	26	65	157	26.4	POST DATED	LN	V	2.5	NO	N	N	86
375	Sivagami	23	8536	G2P1L1	24	62	152	26.8	TERM	LN	IV	4.1	INSULIN	N	F	162
376	Maheswari	25	5899	G2P1L1	26	50	161	19.3	TERM	LN	V	3.1	NO	N	N	89
377	Selvarani	23	65652	PRIMI	24	81	161	32	TERM	LSCS	V	3.2	NO	N	F	88
378	Oginathai	21	59021	G2P1L1	28	62	152	26.8	TERM	LSCS	IV	3.4	INSULIN	Y	M	141
379	Gowri	26	35996	G3P2L2	26	48	150	17.6	TERM	LN	V	3.5	NO	N	N	93
380	Yogeshwari	27	5800	G2P1L1	24	46	148	21	TERM	LN	V	3.6	NO	N	N	89
381	Anjalselvi	27	6083	G2P1L1	26	44	151	19.9	TERM	LN	V	3.5	NO	Y	N	93
382	Priya	21	4088	G2P1L1	28	65	157	26.4	TERM	LN	V	3	NO	N	N	106
383	Maheswari	21	6245	G3P1LA1	26	46	148	21	POST DATED	LSCS	V	3	NO	N	N	92
384	Ramya	22	6800	G2P1L1	28	65	157	26.4	TERM	LN	V	2.22	INSULIN	N	N	154
385	Santhya	22	6309	G2P1L1	26	48	150	17.6	TERM	LN	III	3.4	NO	N	N	102
386	Indhumathi	26	6312	G2P1L1	24	75	154	31	TERM	LSCS	V	3.4	NO	Y	N	82
387	Srinivasan	25	63419	G2P1L1	24	42	141	20.3	PRETERM	LN	V	3.4	NO	Y	N	98
388	Dhanalakshmi	27	24925	G2P1L1	24	50	161	19.3	TERM	LN	V	4.3	NO	N	N	80
389	Swetha	27	3539	G3P2L2	26	50	159	19.8	TERM	LN	III	3.3	NO	N	N	98
390	Deepalakshmi	23	6583	G2P1L1	24	50	161	19.3	TERM	LN	V	3.4	NO	Y	N	89
391	Vaithili	21	6515	G2P1L1	24	50	159	19.8	TERM	LN	V	3.3	NO	N	N	114
392	Manamathi	24	36657	PRIMI	26	65	157	26.4	PRETERM	LSCS	IV	3.5	INSULIN	N	F	154
393	Subalakshmi	20	84961	PRIMI	24	72	162	27	TERM	LN	IV	3	NO	N	N	108
394	Sivasakthi	22	84959	G2P1L1	26	62	152	26.8	TERM	LN	IV	3.3	NO	N	N	99
395	Meera	22	85026	PRIMI	24	75	154	31	TERM	LSCS	IV	3.4	NO	N	N	118
396	Sowmya	27	85101	G4P1L1A2	28	50	159	19.8	TERM	LSCS	III	3.5	NO	Y	N	92
397	Gangai	20	85222	G2A1	26	50	161	19.3	TERM	LN	V	3	NO	N	N	91
398	Veeralakshmi	23	35225	G2P1L1	26	62	152	26.8	TERM	LSCS	IV	2.1	INSULIN	N	N	148
399	Pushpapriya	27	35262	G3P2L2	26	46	148	21	POST DATED	LN	IV	3.4	NO	N	N	80

400	Anantha	28	35349	G2L1P1	28	152	79	34	TERM	LSCS	V	3.4	NO	N	N	94
401	Kanimozhi	27	35358	PRIMI	28	75	154	31	TERM	LN	V	3.3	NO	N	N	91
402	Jamanthi	23	35780	G2P1L1	28	65	157	26.4	TERM	LSCS	V	3.4	INSULIN	N	N	147
403	Keerthana	21	35423	G3P2L2	28	50	161	19.3	TERM	LN	III	3.3	NO	Y	N	91
404	Thenmozhi	23	35443	G2P1L1	28	50	161	19.3	TERM	LN	V	3.5	NO	N	N	109
405	Nithya	21	35453	G2P1L1	28	55	150	24.1	TERM	LSCS	V	3	NO	Y	N	86
406	Sivagami	23	35465	G2P1L1	28	48	150	17.6	TERM	LN	III	3.3	NO	N	N	106
407	Lakshmi	24	32101	G2P1L1	24	50	161	19.3	TERM	LN	IV	3.4	NO	N	N	79
408	Rubini	25	6138	G3P2L2	26	46	148	21	TERM	LN	IV	3.5	NO	N	N	99
409	Mogana	29	35575	G4P2L2A1	26	44	151	19.9	TERM	LSCS	IV	3	NO	N	N	101
410	Suganya	21	355018	G3P1L1A1	24	65	157	26.4	PRETERM	LN	IV	3.3	INSULIN	Y	N	189
411	Thangalakshmi	24	35671	G2P1L1	26	46	148	21	TERM	LN	IV	3.4	NO	N	N	97
412	Kameswari	20	35695	PRIMI	24	77	152	33	TERM	LSCS	V	3.5	NO	N	F	90
413	Sumathi	23	11420	G3P2L2	26	48	150	17.6	TERM	LSCS	IV	3	INSULIN	N	F	165
414	Pandileswari	28	35709	G4P2L1A1	24	55	156	22.6	TERM	LN	III	4.2	NO	N	N	91
415	Muthulakshmi	32	35749	PRIMI	26	55	152	23.8	POST DATED	LSCS	V	3.3	NO	N	N	90
416	Dhanalakshmi	27	39874	G2P1L1	28	73	158	29.2	TERM	LN	V	3.4	NO	N	N	92
417	Chinnaswamy	32	28002	G3P2L2	24	48	150	17.6	TERM	LN	V	3.5	NO	Y	N	120
418	Rekha	22	38542	G2P1L1	26	68	155	28	TERM	LN	III	3	NO	N	N	80
419	Sowmya	21	39883	G2P1L1	28	50	161	19.3	POST DATED	LSCS	V	3.3	NO	N	N	118
420	Nivetha	19	39913	G3P2L2	28	50	142	24.8	TERM	LN	III	3.4	NO	N	N	107
421	Valarmathi	28	29915	G2P1L1	28	62	152	26.8	TERM	LN	V	3	NO	N	N	116
422	Muthumari	21	39916	G3P1L1A1	24	75	154	31	TERM	LN	III	4.1	NO	N	N	92
423	Vaithegi	21	39946	G2P1L1	26	50	161	19.3	TERM	LN	V	3.4	NO	N	N	72
424	Deepalakshmi	30	39957	G2P1L1	26	73	158	29.2	PRETERM	LSCS	V	3.5	NO	Y	N	84
425	Subalakshmi	21	39995	G2P1L1	24	75	154	31	TERM	LN	V	3	NO	N	N	94
426	Muthulakshmi	24	40007	PRIMI	26	48	150	17.6	PRETERM	LSCS	IV	3.3	INSULIN	Y	N	144
427	Poongodi	24	40029	G2P1L1	24	55	156	22.6	TERM	LSCS	V	3.4	NO	N	N	124

428	Murugalakshmi	25	2553	G2P1L1	26	42	141	20.3	TERM	LN	V	3	NO	N	N	101
429	Parthi	26	40060	G2P1L1	24	50	161	19.3	TERM	LN	V	3	NO	N	N	99
430	Rajalakshmi	29	40096	G2P1L1	26	55	150	24.1	TERM	LN	V	3.1	NO	N	N	109
431	Pothumari	26	40125	G2A1	26	68	155	28	TERM	LSCS	V	3.3	NO	N	N	108
432	Dhanagapriya	21	36096	G2P1L1	24	65	157	26.4	TERM	LN	V	2.3	INSULIN	N	N	142
433	Maheswari	21	40152	G2P1L1	26	46	148	21	TERM	LN	III	3.5	NO	Y	N	101
434	Poongodi	26	40151	G2P1L1	24	44	151	19.9	TERM	LN	V	3	NO	N	N	102
435	Gandhi	26	40155	G2A1	28	46	148	21	TERM	LN	V	3.3	NO	N	N	83
436	Karmani	22	39105	G2P1L1A1	26	55	156	22.6	TERM	LN	V	3.4	NO	N	N	105
437	Jothi	28	40233	G3P1L1A1	24	63	154	26	TERM	LSCS	V	3	NO	N	N	101
438	Sumathi	21	42331	G2P1L1	26	50	159	19.8	TERM	LSCS	V	4.2	INSULIN	N	F	163
439	Archana	27	32721	PRIMI	24	50	161	19.3	TERM	LN	V	3.5	NO	N	N	95
440	Jothi	23	40233	G3P2L2	26	50	161	19.3	TERM	LN	III	3	NO	N	N	122
441	Indhumathi	27	42567	G2P1L1	24	75	154	31	TERM	LSCS	V	3.3	NO	N	N	90
442	Vimaladevi	19	38560	PRIMI	28	48	150	17.6	TERM	LN	V	3.4	NO	N	N	108
443	Indra	21	43235	G2P1L1	26	50	161	19.3	TERM	LN	III	3.4	NO	N	M	100
444	Pandeswari	24	43036	PRIMI	24	46	148	21	TERM	LN	IV	3.3	NO	N	N	90
445	Chitradevi	21	39086	PRIMI	26	48	150	17.6	TERM	LN	III	3.5	NO	N	N	100
446	Sugapriya	21	35363	G3A2	28	65	157	26.4	PRETERM	LSCS	IV	3	INSULIN	N	N	143
447	Maheswai	22	16104	PRIMI	26	46	148	21	TERM	LN	V	3.3	NO	Y	N	119
448	Vanitha	21	240690	G3P2L2	28	77	152	33	TERM	LN	III	3.4	NO	N	N	105
449	Muthumari	25	20816	PRIMI	26	46	148	21	TERM	LN	V	3.5	NO	N	N	101
450	Kathri	22	27831	G2P1L1	24	62	152	26.8	TERM	LSCS	V	3	INSULIN	N	N	157
451	Kasthuri	27	24911	G2P1L1	24	75	154	31	TERM	LN	V	3.3	NO	Y	N	116
452	Dhanalakshmi	26	43455	G2P1L1	24	62	152	26.8	TERM	LN	III	3	NO	N	N	114
453	Ramya	23	48770	G2P1L1	26	55	150	24.1	TERM	LSCS	IV	3.3	NO	N	N	92
454	Karthiga	21	41179	G2P1L1	24	48	150	17.6	TERM	LN	IV	3.4	NO	N	N	101
455	Jayameena	27	25768	G2P1L1	24	62	152	26.8	TERM	LN	III	2.1	INSULIN	N	N	155
456	Durgalakshmi	25	23746	G2P1L1	26	59	152	25	TERM	LN	V	3	NO	N	M	108

457	Veeralakshmi	31	11408	G2P1L1	24	63	154	26	TERM	LN	V	3.3	NO	Y	N	72
458	Muthumari	21	177130	G2P1L1	26	50	159	19.8	TERM	LN	III	3	NO	N	N	88
459	Dhanalakshmi	19	26281	PRIMI	24	65	157	26.4	TERM	LN	V	3	NO	N	N	92
460	Lingapriya	21	176599	PRIMI	28	48	150	17.6	TERM	LN	IV	3.1	NO	N	N	88
461	Meghalakshmi	21	26419	G2P1L1	26	65	157	26.4	PRETERM	LN	IV	3.2	INSULIN	N	F	141
462	Mahalakshmi	19	26433	PRIMI	26	68	154	28	TERM	LN	V	2.9	NO	N	N	107
463	Bharathi	28	251296	G3P2L2	26	50	161	19.3	TERM	LSCS	IV	3	NO	N	N	110
464	Gayatri	25	8509	G2P1L1	28	46	148	21	TERM	LN	IV	3	NO	N	N	90
465	Selvi	24	25509	G2P1L1	28	65	157	26	TERM	LN	V	3	NO	N	M	83
466	Priya	24	26591	G2P1L1	28	65	157	26.4	TERM	LN	V	3	NO	N	N	88
467	Sumathi	36	26561	G3P1L1A1	28	50	161	19.3	TERM	LSCS	III	3	NO	N	N	106
468	Pushpapriya	23	26646	PRIMI	28	55	150	24.1	TERM	LN	IV	3.1	NO	N	N	96
469	Priya	24	26647	G2P1L1	28	62	152	26.8	TERM	LN	IV	3.2	NO	N	N	104
470	Thilageswari	25	26663	G2P1L1	28	75	154	31	TERM	LN	III	3	NO	N	M	113
471	Selvi	21	26705	G2P1L1	24	46	148	21	TERM	LN	V	3	NO	N	N	115
472	Amutha	29	168726	G2P1L1	26	65	154	27	TERM	LN	V	2.8	NO	N	N	98
473	Angitha	21	26772	G2P1L1	26	50	159	19.8	TERM	LSCS	V	3.3	NO	N	N	125
474	Lingeswari	21	26736	G2P1L1	24	50	161	19.3	TERM	LN	III	3	NO	N	N	110
475	Manimegalai	21	176399	PRIMI	26	46	148	21	TERM	LN	V	3.3	NO	Y	N	97
476	Vanitha	27	19742	PRIMI	24	44	151	19.9	TERM	LN	V	3.4	NO	Y	N	119
477	Pandiyalakshmi	22	35469	G3P2L2	26	75	175	30	TERM	LSCS	V	2.9	NO	Y	N	99
478	Kavitha	25	36014	G2P1L1	24	55	150	24.1	TERM	LSCS	III	2.8	NO	Y	N	93
479	Murugalakshmi	25	35534	G2P1L1	26	50	159	19.8	TERM	LN	IV	2.6	NO	Y	N	97
480	Dhivaya	21	35544	G3P2L2	28	50	161	19.3	TERM	LN	IV	3.4	NO	Y	N	87
481	Priya	23	35652	G2P1L1	24	50	142	24.8	TERM	LSCS	III	3	NO	Y	N	96
482	Lakshmi	20	35766	G2P1L1	26	46	148	21	TERM	LN	IV	3	NO	Y	N	95
483	Dhevalakshmi	22	35788	PRIMI	28	62	152	26.8	TERM	LN	IV	3.3	INSULIN	N	N	141
484	Swetha	18	35885	G2P1L1	28	75	154	31	TERM	LSCS	IV	3	NO	N	N	113
485	Archana	20	35886	G2P1L0	28	55	152	23.8	TERM	LN	IV	3.3	NO	N	N	83

486	Gunalakshmi	21	35901	G3P2L2	24	73	158	29.2	TERM	LN	V	3.4	NO	N	N	98
487	Angaladevi	20	35914	G2P1L1	26	48	150	17.6	TERM	LN	V	3.5	NO	Y	N	89
488	Maligalakshmi	24	35709	PRIMI	26	68	155	28	TERM	LN	V	2.8	NO	N	N	94
489	Nagalakshmi	24	35062	PRIMI	24	50	161	19.3	TERM	LN	V	2.9	NO	N	N	98
490	Lakshmi	19	35122	G2P1L1	26	50	142	24.8	TERM	LSCS	V	3	NO	N	N	91
491	Raga	26	37122	PRIMI	24	42	141	20.3	TERM	LN	V	2.6	NO	N	N	113
492	Lakshmi	26	159105	G2P1L1	26	62	152	26.8	PRETERM	LSCS	IV	2.9	INSULIN	N	F	142
493	Aarthi	27	37188	PRIMI	24	55	150	24.1	TERM	LN	IV	3	NO	N	N	109
494	Partha	32	37216	G3P1L1A1	26	59	152	25	TERM	LN	V	3	NO	N	N	98
495	Andaselvi	26	167292	G2P1L1	26	42	141	20.3	TERM	LSCS	IV	3.5	NO	Y	N	106
496	Durgalakshmi	21	37235	PRIMI	24	62	152	26.8	TERM	LN	V	3	NO	Y	N	84
497	Maligai	28	37745	G2P1L1	26	55	150	24.1	TERM	LSCS	IV	3.3	NO	N	N	98
498	Mullai	31	911548	G3P2L2	24	68	155	28	TERM	LN	IV	3	NO	Y	N	89
499	Seetha	19	35514	PRIMI	24	50	161	19.3	TERM	LN	IV	3.3	NO	Y	N	94
500	Sunitha	21	26645	PRIMI	24	50	159	19.8	TERM	LSCS	IV	3.5	NO	N	N	95

S.NO	NAME	AGE (Yrs.)	OP. NO.	OBSTETRIC CODE	GESTATIONAL AGE (WEEKS)	WT (Kg)	HT (cm)	BMI (Kg/m ²)	GESTATIONAL AGE AT DELIVERY	MODE OF DELIVERY	SOCIO ECONOMIC CLASS	BIRTH WT (kg)	TREATMENT	ADMISSION. OF NEONATE	FAMILY HISTORY OF DIABETIS	GCT (mg/dl)
1	Balapandi	21	87757	PRIMI	24	45	152	19	TERM	LN	V	3	NO	N	N	96
2	Pounthai	21	12374	PRIMI	26	47	154	19	PRETERM	LN	V	3.2	NO	N	F	88
3	Palaniyammal	22	87759	G3P1L1A1	24	50	157	20	TERM	LN	V	3.1	NO	N	N	112
4	Sumanavathi	24	87767	G2P1L1	28	52	160	20	TERM	LN	V	3.2	NO	N	N	81
5	Umathevi	21	46182	G2P1L1	26	54	162	20	TERM	LSCS	V	3.5	NO	Y	M	111
6	Priya	23	87808	G2P1L1	26	56	165	20	TERM	LN	V	3.2	NO	N	N	91
7	Indira	22	87802	PRIMI	26	59	167	21	TERM	LSCS	III	1.8	NO	N	N	44
8	Chinammal	30	45853	G2P1L1	28	52	148	23.7	TERM	LN	IV	2.8	NO	N	F	100
9	Anathi	19	88007	PRIMI	28	49	148	22.4	TERM	LN	IV	2.9	NO	N	N	94
10	Aishwarya	21	88063	G3A2	28	51	149	24.5	TERM	LN	IV	3.1	NO	N	N	80
11	Vanathi	21	88167	G2P1L1	28	52	153	22.2	TERM	LN	IV	3.1	NO	N	B	106
12	Parvathi	24	88232	G2P1L1	28	55	150	24.9	TERM	LN	IV	2.9	NO	N	N	84
13	Chitra	25	88328	G2P1L1	28	61	160	24.2	TERM	LSCS	III	2.7	NO	N	N	96
14	Munisvari	25	88316	G2P1L1	28	61	160	21.9	TERM	LN	V	2.8	NO	N	M	96
15	Jansirani	23	88363	G2P1L1	24	51	150	22.7	TERM	LN	V	2.9	NO	Y	N	103
16	Susipa	30	88387	G2P1L1	26	70	153	30.1	TERM	LSCS	V	3	NO	N	N	110
17	Priya	24	88411	G3P2L2	26	72	160	28.1 2	TERM	LN	III	1.9	NO	N	F	65
18	Renukadevi	23	88413	G3P1L1A1	24	52	151	23.4	TERM	LN	IV	3	NO	N	N	85
19	Saviraya	21	88921	PRIMI	26	53	147	24.5	TERM	LN	IV	3	NO	N	N	72
20	Sudha	24	88634	G3P1L1A1	24	41	149	18.5	PRETERM	LN	IV	3	NO	N	N	96
21	Malarkodi	40	46477	G4P2L0A1	24	46	152	18.9	TERM	LSCS	III	3	NO	N	N	111

22	Geetha	27	78007	G2P1L1	24	48	146	22.5	TERM	LN	V	3.3	NO	N	N	113
22	Bala	20	78040	PRIMI	26	61	156	23.2	TERM	LN	III	3.4	NO	N	M	90
23	Vijayalakshmi	21	71112	G2P1L1	26	54	152	23	TERM	LN	V	3.2	NO	N	N	83
24	Balammaldevi	20	20943	G2A1	24	54	150	21.2	TERM	LN	V	3.1	NO	Y	N	80
25	Sevlapriya	21	71441	PRIMI	26	60	158	22.1	TERM	LSCS	V	3.5	NO	N	N	120
26	Muthulakshmi	19	54010	PRIMI	24	54	160	19.1	TERM	LN	III	3.6	NO	N	N	89
27	Devi	25	78289	PRIMI	26	50	146	18.7	POST DATED	LN	V	3.9	NO	N	N	82
28	Kalayarasi	25	78649	G2P1L1	24	51	150	22.7	TERM	LN	V	2	NO	N	F	91
29	Sanitha	19	78643	PRIMI	26	49	152	21.2	TERM	LN	III	3	NO	N	N	105
30	Pushpalvalli	25	67743	G2P1L1	28	46	152	19.9	TERM	LSCS	V	3	NO	N	N	106
31	Megala	25	13744	G3P1L1A1	24	56	160	21.9	PRETERM	LN	V	3	NO	N	N	96
32	Nagashwari	25	78838	PRIMI	26	53	155	22.1	TERM	LN	III	3	NO	N	N	118
33	Bothumani	19	78956	PRIMI	24	51	150	22.7	TERM	LN	IV	3.4	NO	N	N	93
34	Gowsalya	18	78956	PRIMI	28	52	153	22.2	TERM	LN	IV	3.5	NO	N	N	95
35	Pandiyammal	22	58198	PRIMI	26	51	163	19.2	TERM	LN	IV	3.6	NO	N	N	99
36	Prasanadevi	23	78974	G2P1L1	24	63	157	25	TERM	LSCS	IV	3	MEAL	N	N	143
37	Nanthini	20	57287	PRIMI	26	54	152	24.8	TERM	LN	IV	3.6	NO	N	N	102
38	Swetha	20	78622	PRIMI	28	56	159	22.4	TERM	LN	IV	3.4	NO	N	F	94
39	Thanapriya	25	78644	PRIMI	28	63	164	23.4	TERM	LN	IV	3.5	NO	N	N	101
40	Vinothini	24	79090	PRIMI	28	48	146	21	TERM	LN	IV	3.2	NO	N	M	82
41	Selvi	23	59021	PRIMI	26	51	152	25	TERM	LN	IV	3.2	NO	Y	F	85
42	Karthiga	19	78759	PRIMI	28	50	152	21.6	TERM	LN	III	2.4	NO	N	B	98
43	Divya	22	86642	G2P1L1	24	50	161	19.3	TERM	LSCS	V	3.1	NO	N	N	102
44	Sudhasri	27	86837	G2P1L1	26	45	142	22.3	TERM	LSCS	V	3.2	NO	N	N	104
45	Mahadevi	24	49058	G3P2L2	26	65	157	26	TERM	LSCS	V	3.3	INSULIN	Y	M	171
46	Malathi	24	49089	PRIMI	24	62	160	22.4	TERM	LN	V	3.3	NO	N	F	102
47	Surya	21	49088	G2P1L1	26	45	142	19.7	POST DATED	LN	V	3	NO	N	N	109

48	Vanmathi	20	49184	PRIMI	24	45	155	18.7	TERM	LN	V	3	NO	N	N	116
49	Saranya	23	49389	G3P1L1A1	26	51	155	24.1	PRETERM	LN	III	3	NO	N	N	109
50	Jansimani	26	49463	G3P1L1	24	48	148	26.5	TERM	LSCS	V	3	NO	N	N	84
51	Kumutham	22	49925	G3P1L1A1	26	46	148	20.1	TERM	LN	V	3	NO	N	N	109
52	Vinothini	21	49620	G2P1L1	28	54	148	24.7	TERM	LSCS	V	3	NO	N	N	96
53	Maina	25	87429	G2P1L1	24	68	162	25	TERM	LSCS	V	2	MEAL	N	F	149
54	Deepika	22	21781	G2P1L1	26	52	156	24.2	TERM	LN	IV	3.1	NO	N	F	91
55	Archanadevi	20	87531	G2P1L1	28	48	148	21.9	TERM	LN	IV	3.2	NO	N	N	98
56	Ramya	23	87547	G2P1L1	28	52	158	20.8	TERM	LN	IV	3.2	NO	N	N	81
57	Surya	21	81199	G2L1P1	28	62	156	25.5	TERM	LN	III	2.1	NO	N	N	105
58	Chitra	23	81274	G2P1L1	28	56	152	24.2	TERM	LN	V	3.3	NO	N	N	88
59	Selvamani	24	81275	G2P1L1	24	48	150	21.3	TERM	LSCS	V	3.4	NO	N	M	81
60	Karupayee	20	81225	G2P1L1	26	60	156	24.7	TERM	LN	III	3.4	NO	Y	F	93
61	Rosemary	21	81310	G2P1L1	26	48	148	21.9	TERM	LN	IV	3.8	NO	N	N	93
62	Narmatha	25	56603	PRIMI	24	52	158	20.8	TERM	LN	IV	3.2	NO	N	N	109
63	Mahalakshmi	19	47294	PRIMI	26	46	146	21.6	TERM	LN	IV	3.4	NO	N	N	100
64	Pandeswari	18	75458	PRIMI	24	62	156	25.5	PRETERM	LN	IV	3.3	NO	N	N	97
65	Duraikanu	24	81392	G2P1L1	26	57	156	24.9	TERM	LN	IV	3.4	NO	N	N	98
66	Sugapriya	23	81484	PRIMI	24	46	148	20.1	TERM	LN	IV	3.4	NO	N	B	99
67	Karthiga	24	81909	G2P1L1	26	54	148	24.7	TERM	LN	IV	3.8	NO	N	F	74
68	Jayanthi	40	91651	G4P1L1A2	28	54	152	24.8	TERM	LN	IV	3.2	NO	N	F	76
69	Indira	24	3334	G2P1L1	24	56	159	22.4	TERM	LN	IV	3.3	NO	N	M	99
70	Sagini	30	81963	G2P1L1A1	26	63	164	23.4	TERM	LSCS	III	3.4	NO	Y	N	97
71	Karima	19	81545	PRIMI	24	48	146	21	TERM	LN	V	3.4	NO	N	N	77
72	Mahalakshmi	20	82018	PRIMI	24	54	152	24.8	TERM	LN	V	3.8	NO	N	N	99
73	Puranawari	29	82021	G2P1L1	24	50	152	21.2	TERM	LN	V	3.2	NO	N	N	98
74	Lakshmi	24	82022	PRIMI	26	56	159	22.1	TERM	LN	III	2.3	NO	N	N	84
75	Nagalakshmi	24	82025	G3P1L1A1	26	61	160	26.4	TERM	LN	IV	3.4	NO	N	N	99

76	Vimala	23	82026	G2P1L1	24	77	161	29.7	TERM	LN	IV	3.4	NO	N	N	76
77	Usha	23	39804	G2P1L1	26	49	142	20.4	TERM	LN	IV	3.8	NO	N	N	96
78	Thamarai Selvi	22	76886	PRIMI	24	50	161	19.3	TERM	LSCS	III	3	NO	N	N	116
79	Andigammal	19	51415	PRIMI	26	50	155	20.8	TERM	LN	V	2.4	NO	N	N	85
80	Kannammal	23	77235	G2P1L1	24	50	152	21.6	TERM	LN	V	3.3	NO	Y	N	103
81	Durgadevi	22	77313	PRIMI	26	45	140	19.3	TERM	LSCS	V	3.4	NO	N	N	83
82	Sudha	23	77375	PRIMI	28	60	157	23.4	TERM	LN	V	3.4	NO	N	N	107
83	Arulmozhi	24	77392	PRIMI	26	50	152	21.6	POST DATED	LSCS	V	3.8	NO	N	N	97
84	Ramya	27	71780	PRIMI	24	50	161	19.3	TERM	LN	V	3.2	NO	N	N	98
85	Divya	23	47386	G4P2L2	24	45	142	22.3	TERM	LN	V	3	NO	N	N	97
88	Selvi	30	19190	G3P2L2	24	77	157	32	TERM	LSCS	V	2.9	INSULIN	Y	N	154
89	Masula	26	41011	G4P3L2	24	50	161	19.3	TERM	LN	V	3.4	NO	N	F	108
90	Saranya	21	77885	G2A1	26	50	155	20.8	TERM	LSCS	V	3.4	NO	N	N	88
91	Sangeetha	19	77899	PRIMI	26	45	145	21.4	TERM	LN	V	3.8	NO	Y	N	74
92	Kavitha	19	57633	PRIMI	24	40	144	19.3	TERM	LSCS	III	2.2	NO	N	B	97
93	Premalatha	24	77936	G4P1L1A2	26	49	155	20	TERM	LN	IV	3	NO	N	F	85
94	Janshirani	21	77944	PRIMI	24	51	161	20.1	TERM	LN	IV	3	NO	N	F	108
95	Purana	26	7848	G3P2L2	26	68	162	25	TERM	LSCS	IV	3.1	MEAL	N	M	148
96	Alagirani	22	77865	PRIMI	24	63	150	28	TERM	LN	IV	3.8	NO	N	F	93
97	Alagumani	19	69486	G2A1	26	53	150	23.6	TERM	LN	IV	3.2	NO	N	N	99
98	Nagalakshmi	25	69494	G3P2L2	28	53	143	22.5	TERM	LSCS	IV	3.4	NO	N	N	88
99	Theivammal	24	69542	G2A1	24	46	148	19.4	TERM	LN	IV	3.3	NO	N	N	90
100	Poopathy	22	69638	G2P1L1	26	62	156	25.5	TERM	LN	III	3.4	NO	N	M	96
101	Eswari	25	61697	G2P1L1	24	62	152	26.8	TERM	LN	V	3.4	NO	N	N	108
102	Pandiyammal	21	67761	PRIMI	28	55	150	24.1	TERM	LSCS	V	3.8	NO	N	N	129
103	Sathyasheela	21	70386	PRIMI	26	55	152	23.8	TERM	LN	V	3	NO	N	N	85
104	Nagapandi	27	70036	PRIMI	24	73	158	29.2	TERM	LSCS	V	2	NO	N	N	93
105	Divya	19	68832	PRIMI	26	44	151	19.9	TERM	LN	III	3.4	NO	N	N	113

106	Malarkodi	24	70843	G2P1L1	28	46	148	21	TERM	LN	V	3.8	NO	Y	N	101
107	Premapriya	25	70957	PRIMI	24	55	156	22.6	TERM	LN	V	3.2	NO	N	N	94
108	Nirmala	22	71048	G2P1L1	26	42	141	20.3	TERM	LSCS	V	3.3	NO	N	N	136
109	Sumathi	27	91710	G2P1L1	24	67	160	26.2	TERM	LN	V	3.4	NO	N	N	98
110	Banupriya	22	71908	G2P1L1	28	50	159	19.8	TERM	LN	V	3.4	NO	N	N	100
111	Chitra	27	71983	G3P1L1A1	26	50	161	19.3	TERM	LSCS	V	3.8	NO	N	F	86
112	Chandya	26	55355	PRIMI	24	50	142	24.8	TERM	LSCS	V	3.4	NO	N	F	127
113	Jayalakshmi	30	3725	G3P2L2	24	50	155	20.8	TERM	LN	V	3.8	NO	N	B	84
114	Divya	19	68839	PRIMI	26	75	154	31	TERM	LN	V	3.2	NO	N	M	113
115	Rajeswari	19	68836	PRIMI	24	46	148	21	TERM	LN	V	3.3	NO	N	N	96
116	Kanmani	26	68837	G2P1L1	28	40	144	19.3	TERM	LN	V	3.4	NO	N	N	96
117	Annalakshmi	23	68832	PRIMI	26	65	157	26.4	POST DATED	LN	V	3.4	NO	Y	N	100
118	Vijayalakshmi	24	68878	G3P1L1A1	26	68	159	26.1	TERM	LN	V	2	NO	N	N	84
119	Palaniyammal	24	68910	G3P2L1	26	52	150	21.6	PRETERM	LSCS	V	3.8	NO	N	N	90
120	Lavanya	24	68936	G3P1L1A1	28	46	148	21	TERM	LN	III	3.2	NO	N	N	108
121	Pavithra	21	68975	PRIMI	28	48	150	17.6	TERM	LSCS	III	3.3	NO	N	N	94
122	Ramya	24	69081	G2P1L1	28	50	152	19.6	TERM	LN	III	3.4	NO	N	N	78
123	Bakiyalakshmi	26	69180	G2A1	28	50	156	23.3	TERM	LSCS	III	3.4	NO	N	N	108
124	Surya	20	69189	G2P1L1	28	57	156	24.6	TERM	LN	V	3.8	NO	N	N	83
125	Sudha	30	68177	G2P1L1	28	50	147	24.4	TERM	LN	V	3.2	NO	N	N	94
126	Gunasundhari	25	69207	G3P2L1	28	56	161	21.6	TERM	LN	V	3.3	NO	N	N	94
127	Valthaki	28	69035	G2P1L1	24	75	162	28	TERM	LSCS	V	3	INSULIN	Y	N	156
128	Pushpalatha	21	69351	G2P1L1	26	46	148	21	TERM	LN	V	3.4	NO	N	F	109
129	Geetha	24	78715	G3P1L1A1	26	48	150	17.6	TERM	LN	V	3.8	NO	N	N	98
130	Abirami	24	75726	G2A1	24	50	152	19.6	TERM	LN	V	3.2	NO	N	N	110
131	Jayapriya	25	82662	G2P1L1	26	68	160	26	PRETERM	LSCS	V	1.8	INSULIN	N	M	204
132	Kalairani	23	83952	PRIMI	24	68	159	26.1	TERM	LN	V	3	NO	N	M	105
133	Rajeshwari	22	83574	G2P1L1	24	68	160	26	TERM	LN	V	3	INSULIN	N	N	167

134	Muthulakshmi	25	76280	G2P1L1	24	50	155	20.8	TERM	LN	V	3	NO	Y	F	102
135	Kavitha	24	84450	G2P1L1	26	50	152	21.6	TERM	LN	III	3	NO	Y	N	109
136	Thamilmathi	24	84687	G2P1L1	26	46	148	21	TERM	LN	IV	2	NO	N	N	96
137	Rakku	23	84692	G2A1	24	40	144	19.3	PRETERM	LN	IV	3.1	NO	N	B	108
138	Mageshwari	23	55059	PRIMI	26	65	157	26.4	TERM	LSCS	IV	3.3	NO	N	F	83
139	Pandeswari	23	84859	G5P2L2A2	24	68	159	26.1	TERM	LN	IV	3.4	NO	N	N	66
140	Moushika	19	85258	PRIMI	26	75	154	31	TERM	LN	III	3.3	NO	N	N	100
141	Devi	19	85259	PRIMI	24	46	148	21	TERM	LN	V	3.5	NO	N	N	89
142	Amutha	26	85275	G2P1L1	26	40	144	19.3	PRETERM	LSCS	III	3.6	NO	N	N	115
143	Jodhi	24	85297	G2P1L1	28	50	159	19.8	TERM	LN	V	3.4	NO	N	N	90
144	Valliammal	22	85316	G2P1L1	26	50	161	19.3	TERM	LSCS	V	3.3	NO	N	N	116
145	Malathi	23	85371	PRIMI	24	50	142	24.8	TERM	LN	V	3.3	NO	N	N	110
146	Velmani	28	73081	G2A1	24	68	152	29	TERM	LSCS	V	3.1	INSULIN	Y	N	143
147	Chitra	19	66823	PRIMI	24	67	160	26.2	TERM	LN	V	3.1	NO	Y	F	82
148	Kasthuri	19	73507	PRIMI	24	50	159	19.8	TERM	LN	V	3.1	NO	N	F	99
149	Krishnaveni	23	73483	G2P1L1	26	50	161	19.3	POST DATED	LN	V	2	NO	Y	M	100
150	Mathubala	23	73525	PRIMI	26	50	142	24.8	TERM	LSCS	V	3	NO	N	N	103
151	Vijayarani	22	73231	G2P1L1	24	40	144	19.3	TERM	LN	III	3	NO	N	N	88
152	Nagammal	22	38785	PRIMI	26	65	157	26.4	TERM	LN	III	3	NO	N	N	73
153	Thamaraiselvi	22	73972	G2P1L1	24	65	157	26.4	TERM	LSCS	V	3	NO	N	N	90
154	Sathyapriya	19	74026	PRIMI	26	68	159	26.1	TERM	LN	V	3	NO	N	N	113
155	Gowsalya	30	60568	G2P1L1	24	75	162	29	TERM	LSCS	V	1.9	MEAL	Y	F	155
156	Sudha	30	68177	G2P1L1	26	65	157	26.4	TERM	LSCS	V	3.5	NO	N	N	94
157	Vaitheeswari	21	74784	PRIMI	28	68	159	26.1	TERM	LN	V	3.4	NO	N	N	108
158	Santhya	19	74493	PRIMI	26	52	150	21.6	TERM	LSCS	V	3.3	NO	N	N	100
159	Victoriya	24	75152	G2P1L1	24	46	148	21	TERM	LN	III	3.6	NO	N	B	96
160	Chandravathi	22	54532	G2P1L1	24	48	150	17.6	TERM	LN	V	3.5	NO	N	F	97
161	Anthonyamm	21	70366	G2P1L1	24	50	152	19.6	PRETERM	LN	III	2.1	NO	N	N	100

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162	Santhiya	25	75276	G2P1L1	24	50	156	23.3	TERM	LN	V	3.1	NO	N	N	93
163	Arputham	26	68943	G2P1L1	26	57	156	24.6	POST DATED	LSCS	III	3.3	NO	Y	N	85
164	Saranya	29	74221	G2P1L1	26	50	147	24.4	TERM	LN	IV	3.4	NO	N	N	81
165	Selvi	25	61197	G3P1L1A1	24	56	161	21.6	TERM	LN	IV	3.3	NO	N	N	100
166	Pandeswari	21	71163 6	G2A1	26	50	159	19.8	TERM	LSCS	IV	3.5	NO	N	N	102
167	Kanagavdevi	25	71676	PRIMI	26	50	161	19.3	TERM	LN	IV	3	NO	N	N	99
168	Selvapriya	22	71869	G2P1L1	28	68	157	27	TERM	LN	IV	3.2	INSULIN	Y	N	140
169	Pravina	20	58967	PRIMI	24	68	159	26.1	TERM	LN	IV	3.3	NO	N	F	110
170	Kavitha	20	72133	PRIMI	26	52	150	21.6	TERM	LN	IV	3.4	NO	N	N	97
171	Saranya	20	72135	G2P1L1	24	46	148	21	TERM	LN	IV	3.3	NO	N	M	90
172	Nagarani	25	72186	G2P1L1	28	48	150	17.6	TERM	LSCS	IV	3.5	NO	N	N	97
173	Gowri	21	72136	G2P1L1	26	75	154	31	PRETERM	LN	III	3	NO	N	N	86
174	Nandhini	22	72226	G3P1L1A1	24	42	141	20.3	TERM	LSCS	V	2	NO	N	B	104
175	Nagajothi	22	6487	G2P1L1	24	67	160	26.2	TERM	LN	V	3.2	NO	Y	F	87
176	Chandrika	31	47143	G2P1L1	26	50	159	19.8	POST DATED	LN	III	3.3	NO	N	N	85
177	Karthiga	21	77139	G3P1L1A1	24	50	161	19.3	TERM	LN	III	3.4	NO	N	N	86
178	Jayachitra	22	71961	G3A2	28	50	142	24.8	TERM	LSCS	V	3.3	NO	N	N	80
179	Sutha	30	68172	G2P1L1	26	50	159	19.8	TERM	LN	V	3.5	NO	N	N	94
180	Sangeetha	21	72574	G2P1L1	26	50	161	19.3	TERM	LSCS	V	3	NO	N	N	80
181	Nalini	20	72691	PRIMI	26	50	142	24.8	TERM	LN	V	3	NO	N	N	89
182	Pethiyammal	29	72752	G4P2L2A1	28	40	144	19.3	TERM	LN	V	3	NO	N	N	95
183	Hemalatha	27	59715	G2P1L1	28	79	160	31	TERM	LSCS	V	4.4	MEAL	N	F	155
184	Maheswari	30	72823	G2P1L1	28	57	156	24.6	TERM	LN	V	3.3	NO	N	F	93
185	Muthumani	26	72852	G2P1L1	28	50	147	24.4	TERM	LN	V	3.4	NO	N	N	70
186	Priya	24	75625	PRIMI	28	56	161	21.6	TERM	LSCS	V	3.3	NO	N	N	96
187	Renugadevi	22	91368	G2P1L1	28	50	159	19.8	TERM	LN	V	3.5	NO	N	N	108

188	Ilankodi	25	94376	G2P1L1	28	65	157	26	TERM	LSCS	IV	3.5	INSULIN	N	N	174
189	Vijayalakshmi	30	91425	G2P1L1	24	55	156	22.6	TERM	LN	IV	3	NO	N	F	84
190	Muthuselvi	20	91428	G2A1	24	42	141	20.3	TERM	LSCS	IV	3	NO	N	N	111
191	Priya	20	82974	PRIMI	24	67	160	26.2	PRETERM	LN	IV	3	NO	N	N	90
192	Saranya	23	91507	G2P1L1	26	48	150	17.6	POST DATED	LN	III	2	NO	Y	N	101
193	Abinaya	21	85921	PRIMI	26	50	161	19.3	TERM	LSCS	III	3.3	NO	N	M	72
194	Archana	21	82922	PRIMI	24	79	160	31	TERM	LN	V	3.1	NO	N	N	93
195	Mahalakshmi	24	90642	G3P1L1A1	26	57	156	24.6	TERM	LN	V	3.3	NO	N	N	101
196	Nandhini	21	64717	PRIMI	26	63	154	26	PRETERM	LN	V	1.9	INSULIN	N	M	152
197	Pandiselvi	25	91097	PRIMI	28	50	142	24.8	TERM	LN	V	3.1	NO	N	F	97
198	Jayapriya	19	30589	G2P1L1	24	48	150	17.6	TERM	LN	V	3.3	NO	N	N	94
199	Revathi	24	88792	G2P1L1	26	65	157	26.4	TERM	LN	III	3.4	NO	N	N	95
200	Suganya	19	88689	PRIMI	26	65	157	26.4	TERM	LSCS	IV	3.3	NO	Y	N	111
201	Vanitha	22	189295	G3P1L1A1	28	50	147	24.4	TERM	LN	IV	3.5	NO	N	N	94
202	Mariyammal	35	143145	G4P3L3	26	56	161	21.6	TERM	LN	IV	3	NO	N	N	94
203	Sivaganthi	23	32928	G2P1L1	24	50	159	19.8	TERM	LN	IV	3	NO	N	N	122
204	Kamuthai	24	32983	G3P1L1A1	24	157	65	26	TERM	LN	V	3.2	INSULIN	Y	M	158
205	Parasakthi	21	524	PRIMI	26	53	143	22.5	TERM	LN	V	3	NO	N	F	94
206	Parasakthi	21	524	PRIMI	24	46	148	19.4	TERM	LN	V	2.4	NO	N	N	94
207	Sudaoli	23	34016	PRIMI	28	62	156	25.5	TERM	LN	V	3.3	NO	N	N	125
208	Ramya	27	34021	PRIMI	26	62	152	26.8	TERM	LN	III	3.4	NO	N	N	99
209	Vanoli	22	34023	PRIMI	26	55	150	24.1	TERM	LN	V	3.3	NO	Y	N	75
210	Keerthana	20	34058	PRIMI	26	55	152	23.8	TERM	LSCS	III	3.5	NO	N	N	85
211	Lakshmi	19	8031	G3P2L1	28	73	158	29.2	TERM	LN	V	3	NO	N	M	109
212	Lakshmi	24	150882	G2P1L1	28	48	150	17.6	PRETERM	LN	III	3.3	NO	N	N	93
213	Seetha	31	34124	PRIMI	28	46	148	21	TERM	LN	IV	3.4	NO	N	N	122
214	Vasanthi	21	34141	G2A1	28	55	156	22.6	TERM	LN	IV	3.3	NO	N	N	89

215	Rani	19	34321	G2P1L1	28	42	141	20.3	TERM	LN	IV	3.5	NO	N	N	104
216	Sathya	20	34827	G2P1L1	28	67	160	26.2	POST DATED	LSCS	IV	3	NO	Y	N	96
217	Jayasankari	19	13280	G2P1L1	28	50	159	19.8	TERM	LN	IV	2.5	NO	N	N	90
218	Veeramal	19	34390	G3P1L1A1	24	55	156	22.6	TERM	LN	IV	3	NO	N	N	77
219	Kamuthai	23	32983	G2P1L1	24	154	65	27	TERM	LSCS	V	3.4	MEAL	N	F	159
220	Maheswari	24	34412	G3P1L1A1	24	50	159	19.8	POST DATED	LN	V	3	NO	N	F	81
221	Sutha	23	34488	G3P2L1	26	50	154	20	TERM	LN	V	3.1	NO	N	N	134
222	Valli	27	34539	PRIMI	26	55	156	22.6	TERM	LSCS	III	3.2	NO	N	N	113
223	Sumithadevi	31	22070	G2P1L1	24	42	141	20.3	PRETERM	LN	V	2	NO	N	N	108
224	Nagadevi	26	22078	G2P1L1	26	67	160	26.2	TERM	LN	V	3	NO	N	N	102
225	Suganthi	20	5995	G3P1L1A1	28	50	159	19.8	TERM	LN	V	3	NO	N	N	96
226	Muthulakshmi	21	2251	G2P1L1	26	50	154	20	TERM	LN	V	3.3	INSULIN	Y	N	143
227	Thamilselvi	33	1112	G2P1L1	24	46	148	21	TERM	LN	V	3.3	NO	N	N	95
228	Amutha	27	2285	G2P1L1	24	55	156	22.6	TERM	LN	V	3.4	NO	Y	N	96
229	Veenalakshmi	30	22210	G2P1L1	26	42	141	20.3	TERM	LN	III	3.3	NO	N	N	100
230	Sathya	24	22322	PRIMI	24	68	159	26.1	TERM	LSCS	IV	3.5	NO	N	N	93
231	Nagajothi	30	22367	G2P1L1	28	50	152	21.6	PRETERM	LN	IV	2.4	NO	N	N	92
232	Marmatha	25	9934	PRIMI	26	48	150	17.6	TERM	LSCS	IV	3.3	NO	N	N	94
233	Pavithra	28	22786	G3P1L1A1	26	55	156	22.6	TERM	LN	IV	3.4	NO	N	M	77
234	Rajathilogam	26	22799	PRIMI	26	42	141	20.3	TERM	LN	III	3.3	NO	N	F	97
235	Chitra Devi	22	17990	G2P1L1	28	67	160	26.2	TERM	LSCS	IV	3.5	NO	N	N	85
236	Vidya	22	22812	PRIMI	28	50	159	19.8	TERM	LSCS	IV	3	NO	N	N	96
237	Karpagam	28	22855	PRIMI	28	50	154	20	TERM	LN	IV	3.3	NO	N	N	100
238	Rajeswari	20	22892	PRIMI	28	46	148	21	TERM	LN	IV	3.4	NO	N	N	93
239	Sathya	26	11371	G3P2L2	28	70	160	28	TERM	LSCS	V	3.3	INSULIN	Y	M	147
240	Puthumani	21	11365	PRIMI	28	65	157	26.4	TERM	LN	V	3	NO	N	F	75
241	Katchammal	23	7772	G2P1L1	28	50	147	24.4	POST DATED	LN	V	3	NO	N	N	103

242	Tamilselvi	23	11417	PRIMI	24	56	161	21.6	TERM	LN	III	2.4	NO	Y	N	82
243	Vishnapriya	19	12057	PRIMI	24	48	150	17.6	PRETERM	LN	IV	3.1	NO	N	N	106
244	Puthuvani	27	12085	PRIMI	24	55	156	22.6	TERM	LSCS	IV	3.2	NO	N	M	79
245	Sutha	29	12061	PRIMI	26	42	141	20.3	TERM	LN	IV	3.3	NO	N	N	92
246	Manu	22	1297	PRIMI	26	55	156	22.6	TERM	LN	IV	3.3	NO	N	N	79
247	Kalyani	29	12378	PRIMI	24	42	141	20.3	TERM	LN	IV	3.1	NO	N	N	128
248	Sugapriya	21	12032	G2P1L1	26	59	160	23	TERM	LN	V	3.4	MEAL	Y	N	157
249	Pounu	21	12374	PRIMI	26	50	154	20	TERM	LN	V	3.1	NO	N	F	98
250	Priya	19	12397	PRIMI	24	46	148	21	TERM	LN	V	3.2	NO	N	N	103
251	Dhanalakshmi	21	12725	PRIMI	24	70	160	28	TERM	LN	V	3.3	NO	N	N	95
252	Saraswathi	21	12784	PRIMI	26	62	156	25.5	TERM	LN	V	3.3	NO	Y	N	102
253	Dhaswari	26	13617	PRIMI	24	62	152	26.8	PRETERM	LSCS	III	3.1	NO	N	N	127
254	Kalyani	22	48165	PRIMI	28	55	150	24.1	TERM	LSCS	V	2.3	NO	N	N	100
255	Nagarani	21	45633	PRIMI	26	55	152	23.8	TERM	LN	V	3.3	NO	N	B	99
256	Amutha	30	13692	G3P2L2	26	46	148	21	TERM	LN	III	3.3	NO	N	N	107
257	Priya	19	12397	PRIMI	26	55	156	22.6	TERM	LN	V	3.1	NO	N	N	93
258	Eswari	24	13762	G2P1L1	28	75	165	27	TERM	LSCS	V	4.3	INSULIN	N	F	167
259	Akila	30	13984	G2P1L1	28	44	151	19.9	TERM	LN	IV	3.5	NO	N	F	123
260	Swetha	30	14084	PRIMI	28	48	150	17.6	TERM	LN	IV	3	NO	Y	N	100
261	Sarmila	23	27943	PRIMI	28	55	156	22.6	TERM	LN	III	3.3	NO	N	N	108
262	Subalakshmi	25	27941	G2P1L1	28	65	157	26.4	TERM	LN	IV	3.4	NO	N	N	110
263	Thenmozhi	22	27991	G3P2L2	28	68	152	29	TERM	LN	IV	3.5	INSULIN	Y	N	148
264	Chinaammal	23	28002	G2P1L1	28	55	150	24.1	TERM	LN	V	3	NO	N	F	90
265	Chinnapillai	25	28004	PRIMI	24	55	152	23.8	TERM	LSCS	V	2	NO	N	N	107
266	Abina	22	28093	G2P1L1	26	73	158	29.2	POST DATED	LN	V	3.5	NO	N	N	89
267	Suryaprakash	19	28088	PRIMI	26	48	150	17.6	TERM	LSCS	V	3	NO	N	N	90
268	Nagajothi	12	28083	PRIMI	24	46	148	21	TERM	LN	III	3.3	NO	N	M	97
269	Pandeeswari	23	28088	G2P1L1	26	55	156	22.6	TERM	LSCS	V	3.4	NO	N	F	102

270	Mahalakshmi	24	28306	PRIMI	24	42	141	20.3	TERM	LN	V	3.3	NO	N	N	88
271	Suruliammal	25	28354	G2P1L1	24	67	160	26.2	PRETERM	LN	V	3.5	NO	N	N	102
272	Selvi	25	28396	PRIMI	24	42	141	20.3	POST DATED	LN	V	3	NO	Y	N	86
273	Chitra Devi	19	28945	G3A2	26	68	159	26.1	TERM	LSCS	V	3	NO	N	N	90
274	Rajeswari	25	28464	PRIMI	26	50	152	21.6	TERM	LN	V	3	NO	N	N	114
275	Muthulakshmi	19	28507	PRIMI	24	46	148	21	TERM	LSCS	III	2.3	NO	N	M	87
276	Sathya	27	28595	G2P1L1	26	55	156	22.6	TERM	LN	V	3.2	NO	N	F	95
277	Muthulakshmi	19	28601	PRIMI	24	48	150	17.6	TERM	LN	V	3.1	NO	N	N	91
278	Anammal	29	28797	G3P2L1	26	67	160	26.2	TERM	LN	V	3.2	NO	N	N	84
279	Mangeswari	27	10428	PRIMI	24	50	159	19.8	TERM	LN	V	3.1	NO	N	N	108
280	Sathya	29	29135	PRIMI	26	44	151	19.9	TERM	LN	V	3.1	NO	N	N	90
281	Suganya	21	29043	G2P1L1	28	65	157	26	TERM	LN	V	3	INSULIN	N	F	163
282	Latha	22	29214	G3P2L2	26	61	154	25	TERM	LSCS	V	2.9	MEAL	N	N	151
283	Vadivu	27	39222	PRIMI	24	62	156	25.5	POST DATED	LN	V	3	NO	N	F	111
284	Selvalakshmi	23	39215	PRIMI	24	62	152	26.8	TERM	LSCS	V	3	NO	N	N	96
285	Vijayalakshmi	27	39245	G2P1L1	24	55	150	24.1	TERM	LN	III	3	NO	Y	N	102
286	Shanthi	28	39171	G4P1L1A2	24	55	152	23.8	TERM	LN	V	2	NO	N	N	99
287	Thavamani	19	39290	G3P2L2	26	55	156	22.6	TERM	LN	V	3.1	NO	N	N	112
288	Muthulakshmi	26	39309	G2P1L1	26	42	141	20.3	TERM	LN	V	3.3	NO	N	F	102
289	Somal	21	39302	G2P1L1	24	65	158	28	TERM	LN	V	3	INSULIN	Y	M	143
290	Amutha	19	38898	PRIMI	26	55	152	23.8	TERM	LSCS	III	3.1	NO	Y		89
291	Mohanselvi	28	39531	PRIMI	24	73	158	29.2	POST DATED	LN	IV	3.2	NO	N	M	82
292	Gunaselvi	26	26704	G2P1L1	26	48	150	17.6	TERM	LN	IV	3.1	NO	N	N	113
293	Ratha	24	9489	G2P1L1	24	46	148	21	TERM	LN	IV	3.1	NO	N	N	82
294	Mirthula	22	39440	G2P1L1	26	46	148	21	PRETERM	LSCS	IV	3	NO	N	N	87
295	Sanjidevi	24	3608	G2P1L1	28	55	156	22.6	TERM	LSCS	IV	2.3	NO	N	N	98
296	Suganya	23	39509	PRIMI	26	42	141	20.3	TERM	LN	IV	3	NO	N	N	92

297	Pravina	21	39607	G2P1L1	24	68	159	26.1	TERM	LN	IV	3	NO	N	N	86
298	Janagi	29	39603	PRIMI	24	75	154	31	TERM	LSCS	V	3	INSULIN	Y	N	167
299	Panjavarnam	23	43991	PRIMI	24	62	152	26.8	TERM	LN	V	3.3	NO	N	F	80
300	Reshma	19	43960	PRIMI	24	55	150	24.1	TERM	LSCS	V	3.4	NO	N	N	92
301	Muthulakshmi	27	44054	PRIMI	26	55	152	23.8	TERM	LN	III	3.3	NO	N	N	98
302	Muthuselvi	31	40152	PRIMI	26	73	158	29.2	TERM	LSCS	IV	3.5	NO	N	N	83
303	Alaguchinnama I	24	44160	G2P1L1	24	48	150	17.6	TERM	LN	IV	3	NO	N	N	105
304	Sumathi	23	48776	G2P1L1	26	46	148	21	TERM	LN	IV	3.3	NO	Y	N	78
305	Tamilselvi	22	43337	PRIMI	26	55	156	22.6	TERM	LSCS	IV	3.4	NO	N	N	73
306	Pavithra	24	68987	PRIMI	28	42	141	20.3	TERM	LN	IV	3.5	NO	N	N	81
307	Pandi	21	44464	PRIMI	24	67	160	26.2	PRETERM	LN	IV	3	NO	N	N	100
308	Alagiselvi	23	44519	G2P1L1	26	48	150	17.6	TERM	LN	III	3.3	NO	N	M	93
309	Vijayalakshmi	27	44599	G2P1L1	24	75	154	31	TERM	LSCS	V	3.4	NO	N	F	98
310	Gowri	19	4769	PRIMI	28	50	142	24.8	TERM	LN	V	2.4	NO	N	N	93
311	Eswari	21	44485	PRIMI	26	50	159	19.8	TERM	LN	V	3.1	NO	Y	N	102
312	Shaji Begam	20	44839	G2P1L1	24	65	157	26.4	TERM	LN	V	3.2	NO	N	N	91
313	Sakthi	23	44967	G2P1L1	24	68	159	26.1	TERM	LSCS	V	3.3	NO	N	N	79
314	Sowndariya	28	45048	G3P2L2	26	48	150	17.6	TERM	LN	V	3.3	NO	N	N	103
315	Ponnuthai	28	45038	G2P1L1	24	46	148	21	TERM	LN	V	3.1	NO	N	N	103
316	Mani	25	45076	G2P1L1	28	48	150	17.6	TERM	LSCS	V	3.2	INSULIN	Y	F	193
317	Bakiyam	24	45540	G3P1L1A1	26	75	154	31	TERM	LN	V	3	NO	N	N	82
318	Praba	21	45562	G3P2L2	26	42	141	20.3	TERM	LN	V	3	NO	N	N	102
319	Pandi	28	45575	G2P1L1	26	67	160	26.2	TERM	LN	III	3	NO	N	N	80
320	Parameswari	23	19766	G2P1L1	28	68	157	27	TERM	LN	V	3.4	INSULIN	N	N	152
321	Santhakumari	32	45574	G2P1L1	28	67	160	26.2	TERM	LN	V	3.1	NO	N	F	110
322	Panjalakshmi	20	45611	G2P1L1	28	50	159	19.8	TERM	LN	V	3	NO	N	F	110
323	Nellathai	28	12783	G3P1L1A1	28	72	152	31	TERM	LSCS	V	3.2	INSULIN	N	F	169
324	Pannamal	26	95759	PRIMI	28	73	158	29.2	TERM	LN	V	3.1	NO	N	N	93

325	Kaviyathalaivi	23	45770	G2P1L1	28	48	150	17.6	TERM	LN	V	3.5	NO	N	N	88
326	Chinnamal	30	45853	PRIMI	28	75	154	31	TERM	LSCS	III	3.6	NO	N	N	102
327	Rajewari	20	32751	G2P1L1	24	46	148	21	TERM	LN	V	2.4	NO	Y	N	92
328	Chitrashobana	20	32905	PRIMI	24	55	156	22.6	POST DATED	LN	V	3.4	NO	N	M	109
329	Suganya	21	46095	G4P1L1A2	24	75	154	31	TERM	LSCS	V	3.3	NO	N	F	88
330	Umadevi	21	46332	G2A1	26	73	158	29.2	TERM	LN	III	3.5	NO	N	N	98
331	Muthulakshmi	24	46182	G2A1	26	48	150	17.6	TERM	LN		3.8	NO	N	N	110
332	Aruljothi	22	46195	G2P1L1	24	68	155	28	TERM	LN	V	3.5	INSULIN	N	F	142
333	Chitradevi	22	46092	PRIMI	26	50	161	19.3	TERM	LN	IV	3.1	NO	N	N	98
334	Jayarani	20	46285	G2P1L1	26	50	142	24.8	TERM	LN	IV	3.2	NO	N	N	102
335	Pavithra	23	39876	G2P1L1	28	48	150	17.6	TERM	LN	IV	3.3	NO	N	N	101
336	Revathi	23	29372	PRIMI	24	65	157	26.4	PRETERM	LSCS	IV	3.3	NO	N	N	80
337	Divya	22	48823	G2P1L1	26	46	148	21	TERM	LN	III	2	NO	N	N	70
338	Lavanya	19	28736	G2A1	26	44	151	19.9	TERM	LSCS	V	3.3	NO	N	N	101
339	Swetha	21	47777	PRIMI	24	75	154	31	TERM	LN	V	3	NO	N	N	96
340	Suvetha	24	44171	PRIMI	24	55	156	22.6	TERM	LSCS	V	4.4	NO	N	N	109
341	Mahaeswari	26	42865	G3P2L2	24	75	154	31	TERM	LN	V	3	NO	Y	M	96
342	Kalavathi	27	42845	PRIMI	26	67	160	26.2	TERM	LSCS	III	3	NO	N	F	94
343	Poongavanam	26	42171	PRIMI	26	50	159	19.8	TERM	LSCS	V	3	NO	N	N	105
344	Dhanalakshmi	20	40151	PRIMI	24	48	150	17.6	TERM	LN	V	2	NO	N	N	100
345	Kavitha	27	36096	G2P1L1	26	48	150	17.6	TERM	LN	V	3.1	NO	N	N	80
346	Mahalakshmi	22	347	PRIMI	24	65	157	26.4	TERM	LN	V	3.2	NO	N	N	94
347	Praba	24	349	G2P1L1	26	72	162	27	PRETERM	LSCS	V	1.9	INSULIN	Y	N	168
348	Meenakali	26	3388	G2P1L1	24	62	152	26.8	TERM	LN	V	3.3	NO	N	F	106
349	Anaam	25	43471	PRIMI	26	55	150	24.1	TERM	LN	V	3	NO	N	F	92
350	Mahaewsari	22	36041	G2P1L1	28	75	160	29	PRETERM	LN	V	1.9	INSULIN	N	M	168
351	Saratha	20	43609	PRIMI	26	42	141	20.3	TERM	LN	V	3.4	NO	N	N	78
352	Barathi	24	33647	PRIMI	24	67	160	26.2	TERM	LN	III	3.5	NO	Y	N	106

353	Pandeswari	25	54784	PRIMI	24	75	154	31	TERM	LSCS	III	3.6	NO	N	N	86
354	Latha	25	24815	G3P2L2	24	48	150	17.6	TERM	LSCS	III	3.5	NO	N	N	91
355	Rani	29	47737	PRIMI	24	50	142	24.8	TERM	LN	V	2.4	NO	N	N	84
356	Kavitha	22	48339	PRIMI	26	50	159	19.8	TERM	LN	V	3	NO	N	N	97
357	Pavithra	20	48459	PRIMI	26	50	161	19.3	TERM	LN	V	3	NO	N	N	80
358	Sowmya	29	47787	G2P1L1	24	79	160	31	TERM	LSCS	V	3	INSULIN	N	N	256
359	Muthu	27	48465	G4P1L1A2	26	65	157	26.4	TERM	LN	III	3	NO	N	M	99
360	Sivagami	22	48466	G3P1L1A1	24	68	159	26.1	TERM	LN	IV	4.3	NO	N	F	113
361	Sneha	20	34504	PRIMI	26	52	150	21.6	POST DATED	LN	IV	3	NO	N	N	66
362	Sowmya	21	36964	PRIMI	24	75	154	31	TERM	LSCS	IV	2.4	NO	Y	N	85
363	Kanava	22	48574	G4P1L1A2	26	48	150	17.6	TERM	LN	IV	3	NO	N	N	102
364	Jothirani	21	48477	PRIMI	28	50	159	19.8	TERM	LN	IV	3	NO	N	N	104
365	Manjuratha	26	41014	G4P3L2	26	50	161	19.3	TERM	LN	IV	3	NO	N	N	88
366	Muthulakshmi	27	44063	G2P1L1	24	61	152	26	TERM	LSCS	V	3	INSULIN	N	F	164
367	Krishnapriya	23	29927	G2P1L1	24	55	156	22.6	TERM	LN	V	3.1	NO	N	N	92
368	Parthijohi	24	29138	PRIMI	24	75	154	31	TERM	LN	V	3.41	NO	N	N	106
369	Kaleswari	20	43746	G2P1L1	24	73	158	29.2	TERM	LN	V	3.4	NO	N	N	83
370	Pratheba	21	48614	PRIMI	26	52	160	20	PRETERM	LN	V	2	INSULIN	N	N	140
371	Saranya	25	48622	PRIMI	26	48	150	17.6	TERM	LN	V	3	NO	N	F	114
372	Vijaya	20	48316	PRIMI	24	50	142	24.8	TERM	LSCS	V	3	NO	N	N	93
373	Sudha	30	48659	G3P2L1	26	50	159	19.8	TERM	LSCS	V	3	NO	Y	N	86
374	Radha	22	48725	PRIMI	26	65	157	26.4	TERM	LN	V	2.5	NO	N	N	98
375	Pandiselvi	21	48843	PRIMI	28	46	148	21	TERM	LN	V	3	NO	N	N	88
376	Shanthipriya	19	47218	PRIMI	24	50	161	19.3	TERM	LN	V	3.1	NO	N	N	88
377	Karpagam	31	47269	G2P1L1	26	81	161	32	TERM	LSCS	V	3.2	INSULIN	N	F	161
378	Sudha	21	47279	G2P1L1	24	50	159	19.8	TERM	LN	V	3.4	NO	Y	M	95
379	Chandra	24	47242	PRIMI	28	65	157	26.4	TERM	LN	V	3.5	NO	N	N	86
380	Maha	19	47299	PRIMI	26	46	148	21	TERM	LSCS	V	3.6	NO	N	N	106

381	Thilagavathy	19	47304	PRIMI	24	44	151	19.9	TERM	LN	V	3.5	NO	Y	N	99
382	Sita	28	47318	G2P1L1	24	65	157	26.4	TERM	LN	V	3	NO	N	N	81
383	Muthuselvi	22	47334	PRIMI	26	46	148	21	POST DATED	LSCS	III	3	NO	N	N	89
384	Yamunadevi	28	47371	G3P2L1	24	44	151	19.9	TERM	LN	V	2.2	NO	N	N	90
385	Parvathy	29	47386	PRIMI	28	48	150	17.6	TERM	LN	III	3.4	NO	N	N	84
386	Poonbali	19	47397	PRIMI	26	75	154	31	TERM	LSCS	V	3.4	NO	Y	N	99
387	Pavithra	29	33923	PRIMI	26	42	141	20.3	PRETERM	LN	V	3.4	NO	N	N	93
388	Gowtham	21	47447	G2A1	26	67	160	26.2	TERM	LN	V	4.3	NO	N	N	103
389	Rajeswari	25	37543	G4P1L1A2	28	50	159	19.8	TERM	LN	III	3.3	NO	N	N	89
390	Nithya	29	44567	G2P1L1	28	50	161	19.3	TERM	LSCS	V	3.4	NO	N	N	10
391	Rani	20	47712	PRIMI	28	50	159	19.8	TERM	LN	V	3.3	NO	N	N	107
392	Varshini	29	47721	PRIMI	28	65	157	26.4	TERM	LSCS	III	3.5	NO	N	N	101
393	Umadevi	24	50348	PRIMI	28	72	162	27	TERM	LN	IV	3	NO	N	F	77
394	Saranya	24	4231	G3P2L2	28	62	152	26.8	TERM	LN	IV	3.3	NO	N	N	96
395	Sujitha	20	4729	PRIMI	28	75	154	31	TERM	LSCS	IV	3.4	NO	N	N	94
396	Sindhu	22	50598	G2P1L1	24	50	159	19.8	TERM	LSCS	III	3.5	NO	Y	N	89
397	Karpagam	24	50602	PRIMI	24	50	161	19.3	TERM	LN	IV	3	NO	N	N	105
398	Sugapriya	21	36563	G4P1L1A2	24	50	142	24.8	TERM	LN	IV	3.3	NO	N	N	99
399	Chitra	24	50626	G2P1L1	26	46	148	21	TERM	LN	IV	3.4	NO	N	N	97
400	Lakshmi	28	50652	PRIMI	26	152	79	34	TERM	LSCS	V	3.4	INSULIN	N	N	142
401	Nivetha	18	50703	PRIMI	24	75	154	31	TERM	LN	V	3.3	NO	N	M	94
402	Dhanalakshmi	24	50534	PRIMI	26	50	159	19.8	TERM	LSCS	V	3.4	NO	N	N	98
403	Ranjitha	20	50589	PRIMI	26	65	157	26.4	TERM	LN	III	3.3	NO	Y	N	100
404	Murugeswari	20	27370	G2P1L1	28	68	159	26.1	TERM	LN	V	3.5	NO	N	N	79
405	Nithya	23	50988	PRIMI	24	55	150	24.1	TERM	LSCS	V	3	NO	N	N	108
406	Nanthini	23	50954	G2A1	26	48	150	17.6	TERM	LSCS	III	3.3	NO	N	N	102
407	Desapriya	25	50935	G3P2L2	26	50	161	19.3	TERM	LN	IV	3.4	NO	N	N	87
408	Nagajothi	30	5114	PRIMI	24	46	148	21	TERM	LN	IV	3.5	NO	N	N	98

409	Elizabethrani	21	51221	PRIMI	26	44	151	19.9	TERM	LSCS	IV	3	NO	N	N	80
410	Maheswari	24	16104	PRIMI	24	65	157	26.4	TERM	LN	IV	3.3	NO	Y	N	96
411	Eshwari	22	21004	G2A1	26	46	148	21	TERM	LN	IV	3.4	NO	N	N	101
412	Senthilammal	34	46442	G2P1L1	24	77	152	33	TERM	LSCS	V	3.5	INSULIN	N	F	141
413	Selvasanthi	28	46514	G2P1L1	26	48	150	17.6	TERM	LN	IV	3	NO	N	N	109
414	Araspathi	21	4354	PRIMI	28	55	156	22.6	TERM	LN	III	4.2	NO	N	N	104
415	Suryaprakash	23	46616	G4P1L1A2	26	55	152	23.8	POST DATED	LSCS	V	3.3	NO	N	N	102
416	Swathi	21	46623	PRIMI	24	73	158	29.2	TERM	LN	III	3.4	NO	N	N	91
417	Dhanyasri	19	46681	PRIMI	24	48	150	17.6	TERM	LN	V	3.5	NO	Y	N	88
418	Munuswamy	26	466793	PRIMI	24	68	155	28	TERM	LN	III	3	NO	N	N	122
419	Indira	27	46805	PRIMI	24	50	161	19.3	TERM	LSCS	V	3.3	NO	N	N	108
420	Subalakshmi	25	46676	G2P1L1	26	50	142	24.8	TERM	LSCS	III	3.4	NO	N	M	129
421	Saranya	28	46948	G3P2L2	26	62	152	26.8	TERM	LSCS	V	3	NO	N	N	105
422	Kavitha	24	47010	G2P1L1	24	75	154	31	TERM	LN	III	4.1	NO	N	N	88
423	Murugeswari	24	47000	G3P2L1	26	55	152	23.8	TERM	LN	V	3.4	NO	N	N	88
424	Pandeeswari	28	47043	PRIMI	26	73	158	29.2	PRETERM	LSCS	V	3.5	NO	N	N	100
425	Alangeswari	26	47050	G2P1L1	28	75	154	31	TERM	LN	V	3	NO	N	N	88
426	Chandra	19	47127	PRIMI	24	48	150	17.6	TERM	LSCS	III	3.3	NO	Y	N	80
427	Muthulakshmi	21	47184	G2P1L1	26	55	156	22.6	TERM	LSCS	V	3.4	NO	N	N	95
428	Bavani	19	12822	G3A2	24	42	141	20.3	TERM	LN	V	3	NO	N	N	89
429	Vimaladevi	26	19734	PRIMI	28	62	152	26.8	TERM	LN	V	3	NO	N	N	109
430	Priya	22	19105	G2P1L1	26	55	150	24.1	TERM	LN	V	3.1	NO	N	N	92
431	Prema	26	152334	PRIMI	24	68	155	28	TERM	LSCS	V	3.3	INSULIN	N	N	165
432	Swathi	22	16304	G2P1L1	24	50	161	19.3	TERM	LN	V	3.4	NO	N	N	110
433	Priya	21	176218	G2P1L1	26	46	148	21	TERM	LSCS	III	3.5	NO	Y	N	65
434	Maha	21	1742	PRIMI	24	44	151	19.9	TERM	LN	IV	3	NO	N	N	105
435	Lakshmi	29	1731	G3P1L1A1	28	46	148	21	TERM	LN	IV	3.3	NO	N	N	81
436	Mythili	21	53050	G2A1	26	55	156	22.6	TERM	LN	IV	3.4	NO	N	N	107

437	Senthamani	25	61718	G2P1L1	26	63	154	26	TERM	LSCS	V	3	INSULIN	N	N	165
438	Sangeetha	24	17205	G3P2L2	26	50	159	19.8	TERM	LSCS	V	3.4	NO	N	N	99
439	Jasmini	24	19946	G4P1L1A2	28	65	157	26.4	TERM	LN	V	3.5	NO	N	N	92
440	Varathena	21	152583	PRIMI	28	68	159	26.1	TERM	LN	III	3	NO	N	M	96
441	Muthulakshmi	22	10345	G4P1L1A2	28	75	154	31	TERM	LSCS	V	3.3	NO	N	N	99
442	Priya	20	21072	PRIMI	28	48	150	17.6	TERM	LN	V	3.4	NO	N	N	98
443	Revathi	25	15674	PRIMI	28	50	161	19.3	TERM	LN	III	3.4	NO	N	M	80
444	Sangeetha	25	168505	G2P1L1	28	46	148	21	PRETERM	LN	IV	3.3	NO	N	N	118
445	Navina	24	24171	PRIMI	28	48	150	17.6	TERM	LN	III	3.5	NO	N	N	100
446	Deepthi	22	172170	PRIMI	24	65	157	26.4	TERM	LSCS	IV	3	NO	N	N	101
447	Manthira	30	10168	G5P3L3A1	24	46	148	21	TERM	LSCS	IV	3.3	NO	Y	N	106
448	Sabena	27	10237	G3P1L1A1	24	77	152	33	TERM	LN	III	3.4	NO	N	N	96
449	Nanthini	23	10252	PRIMI	26	46	148	21	TERM	LN	V	3.5	NO	N	N	88
450	Nithya	21	10360	G2P1L1	26	55	156	22.6	TERM	LSCS	V	3	NO	N	N	103
451	Devasri	22	30495	G6P1L1A4	24	75	154	31	TERM	LN	V	3.3	NO	Y	N	70
452	Poongamani	28	30507	G4P1L1A2	26	62	152	26.8	TERM	LN	III	3	NO	N	N	69
453	Nanthini	22	30527	PRIMI	26	55	150	24.1	TERM	LSCS	IV	3.3	NO	N	N	90
454	Amutha	20	30537	PRIMI	28	48	150	17.6	TERM	LN	IV	3.4	NO	N	N	67
455	Divya	25	30536	G3P1L1A1	24	44	151	19.9	TERM	LN	III	3.5	NO	N	N	114
456	Sudha	21	30510	G3A2	26	59	152	25	TERM	LN	V	3	INSULIN	N	M	161
457	Pandiyammal	20	30591	G4P1L1A2	26	63	154	26	TERM	LSCS	V	3.3	NO	Y	N	110
458	Kanimozhi	22	30586	PRIMI	24	50	159	19.8	TERM	LN	III	3	NO	N	M	97
459	Premalatha	20	30589	PRIMI	26	65	157	26.4	TERM	LN	IV	3	NO	N	N	86
460	Jayapriya	19	30539	G4P1L1A2	28	48	150	17.6	TERM	LN	IV	3.1	NO	N	N	88
461	Azhagurani	22	30669	PRIMI	24	44	151	19.9	TERM	LN	IV	3.2	NO	N	N	89
462	Dhanalakshmi	22	30741	G2P1L1	26	68	154	28	PRETERM	LN	V	2.9	INSULIN	N	N	158
463	Sumithadevi	20	30750	PRIMI	24	65	157	26.4	TERM	LSCS	IV	3	NO	N	N	98
464	Chinnathani	22	30865	PRIMI	28	46	148	21	TERM	LN	IV	3	NO	N	N	100

465	Rajaewari	22	30868	G2P1L1	26	65	157	26	PRETERM	LN	V	3	INSULIN	N	F	146
466	Arthini	24	30898	G3P1L1A1	24	65	157	26.4	TERM	LN	V	3	NO	N	N	115
467	Puthumani	31	30990	PRIMI	24	68	159	26.1	TERM	LSCS	III	3	NO	N	N	77
468	Muthulakshmi	20	3227	PRIMI	26	55	150	24.1	TERM	LSCS	IV	3.1	NO	N	N	76
469	Subalakshmi	30	37077	G2P1L1	24	62	152	26.8	TERM	LN	IV	3.2	NO	N	N	84
470	Muthiyalakshmi	22	32083	PRIMI	28	75	154	31	TERM	LN	III	3	NO	N	M	98
471	Sumithadevi	26	32108	PRIMI	26	46	148	21	TERM	LN	V	3	NO	N	N	66
472	Saraswathi	23	32117	G3P1L1A1	26	65	154	27	TERM	LN	V	2.8	INSULIN	N	F	161
473	Veeralakshmi	20	25052	PRIMI	26	50	159	19.8	TERM	LSCS	V	3.3	NO	Y	N	87
474	Arumugam	23	2654	G3P2L1	28	50	161	19.3	TERM	LSCS	III	3	NO	N	N	92
475	Iniyavathy	25	152026	PRIMI	28	46	148	21	TERM	LN	V	3.3	NO	N	N	98
476	Amutha	26	302701	G3P1L1A1	28	44	151	19.9	TERM	LN	V	3.4	NO	N	N	86
477	Meena	26	32290	G2P1L1	28	75	175	30	TERM	LSCS	V	2.9	INSULIN	N	N	166
478	Muthuselvi	22	32312	PRIMI	24	55	150	24.1	TERM	LSCS	III	2.8	NO	N	M	97
479	Nagadinam	21	32339	PRIMI	26	50	159	19.8	TERM	LN	IV	2.6	NO	N	N	83
480	Murugeswari	21	32367	G4P1L1A2	24	50	161	19.3	TERM	LN	IV	3.4	NO	Y	N	78
481	Bhuvaneswari	21	32437	PRIMI	28	50	142	24.8	TERM	LSCS	III	3.5	NO	N	N	101
482	Jeeva	23	168922	G4P1L1A2	26	46	148	21	TERM	LN	IV	3	NO	N	N	97
483	Shanmugapriya	22	147987	PRIMI	24	46	148	21	TERM	LN	IV	3.3	NO	N	N	103
484	Lakshmi	31	32449	PRIMI	24	75	154	31	TERM	LSCS	IV	3	NO	N	N	77
485	Jothi	24	32471	G3P2L2	26	55	152	23.8	PRETERM	LN	III	3.3	NO	N	N	98
486	Saranya	24	32482	PRIMI	24	73	158	29.2	TERM	LN	V	3.4	NO	N	N	96
487	Meena	21	32458	PRIMI	28	48	150	17.6	TERM	LSCS	V	3.5	NO	Y	N	94
488	Nahti	21	32989	PRIMI	26	68	155	28	TERM	LN	III	2.8	NO	N	N	105
489	Punalakshmi	21	25540	PRIMI	26	50	161	19.3	TERM	LN	V	2.9	NO	N	M	83
490	Ramya	27	25572	PRIMI	26	50	142	24.8	TERM	LSCS	III	2.7	NO	N	N	90
491	Nivetha	20	25573	G3P2L2	28	42	141	20.3	TERM	LN	V	2.6	NO	N	N	96
492	Eswari	19	25708	PRIMI	28	62	152	26.8	TERM	LSCS	IV	2.9	NO	N	N	102

493	Jayameena	20	25768	G4P1L1A2	28	55	150	24.1	TERM	LN	IV	3	NO	N	N	112
494	Veeralakshmi	22	25898	G2P1L1	28	59	152	25	TERM	LN	V	2	INSULIN	N	N	141
495	Kasthuri	19	25911	PRIMI	28	42	141	20.3	TERM	LSCS	V	3.5	NO	N	N	98
496	Rajeswari	20	75984	PRIMI	28	62	152	26.8	TERM	LN	V	3	NO	N	N	100
497	Parameswari	25	26025	G2P1L1	28	55	150	24.1	TERM	LSCS	III	3.3	NO	N	N	108
498	Rajajothi	22	26032	PRIMI	24	68	155	28	TERM	LN	IV	3	NO	Y	N	89
499	Vasanthi	32	15758	PRIMI	26	50	161	19.3	PRETERM	LN	IV	3.3	NO	N	N	83
500	Vanitha	19	26335	PRIMI	26	55	150	24.1	TERM	LN	III	3.4	NO	Y	M	90



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