ABSTRACT

Congenital hypothyroidism screening programme in Universiti Sains Malaysia (USM) was started since 2004 using cord blood TSH. An audit of the screening programme for a period of 24 months was done for the year 2010 and 2011. A total of 12928 newborn babies were screened with coverage of 100%. Two cases were confirmed to have primary congenital hypothyroidism. The mean recall rate was 2.31% and the mean sample rejection rate was 1.59%. The subject response for the repeat test was 63% for the year 2010 and 78% for the year 2011. Continuous surveillance is important to ensure the National Quality assurance (QA) indicators were met.

KEY WORDS

congenital hypothyroidism, neonatal screening, infants, newborns, thyroxine