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Unexplained subfertility

Illuminating the path to treatment

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Appendices

List of co–authors and affiliations

Portfolio

List of publications

Acknowledgements

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PORTFOLIO

General Courses

2012	Basic Course Legislation and Organization (BROK)	0.9 ECTS
2012	Reference Manager	0.1 ECTS
2012	omputing in R	0.4 ECTS
2013	Advanced topics in biostatistics	2.1 ECTS

Specific Courses

2013	Advanced topics in Clinical trials	1.1 ECTS
2013	Advanced topics in Clinical decision making	1.1 ECTS
2013	Mixed models	1.5 ECTS
2014	Indirect comparisons and network meta-analysis: Evidence synthesis with multiple treatments	1.5 ECTS

Seminars, workshops and master classes

2012	Castle Course 2012 (training for PhD researchers)	0.9 ECTS
2012	Mini-symposia in honor of visiting professors	0.2 ECTS
2013	Symposium evidence-based benign gynaecology	0.1 ECTS

Presentations

2013	Mini-symposium in honor of a visiting professor Amsterdam, the Netherlands Factors associated with in- and subfertility in couples with un- explained subfertility at the start of IUI and IVF
2013	European Society of Human Reproduction & Embryology London, United Kingdom <i>An economic analysis of IVF-SET and IVF-MNC compared to IUI-COH</i>
2013	44 ^e Gynaecongres, Arnhem, the Netherlands <i>Economische evaluatie van IVF-SET en IVF-MNC in vergelijking met IUI-COH (INeS studie)</i>
2014	ESHRE avond, Vereniging van fertiliteitsartsen, Utrecht, the Netherlands <i>The natural conception rate in couples with unexplained or</i>

- mild male subfertility scheduled for treatment with IVF-SET, IVF-MNC or IUI-COH (INeS trial)*
- 2014 European Society of Human Reproduction & Embryology
Munich, Germany
The natural conception rate in couples with unexplained or mild male subfertility scheduled for treatment with IVF-SET, IVF-MNC or IUI-COH (INeS trial)
- 2014 European Society of Human Reproduction & Embryology
Munich, Germany
Dropout rates in IVF with single embryo transfer, IVF in a modified natural cycle and IUI with ovarian hyperstimulation (INeS trial).
- 2014 European Society of Human Reproduction & Embryology
Munich, Germany
Does ovarian stimulation or laboratory procedures of assisted reproductive technologies affect the birth weight of the neonate?
- 2014 European Society of Human Reproduction & Embryology
Munich, Germany
Clomiphene citrate and follicle stimulating hormone for controlled ovarian stimulation in intrauterine in semination
- 2015 Nederlandse vereniging voor biomedische laboratoriummedewerkers, Amersfoort, the Netherlands
INeS studie: behandeling van onvruchtbaarheid
- 2016 1e VPG-Pijlerdag SIG ART en SIG Gameetdonatie,
Nederlandse vereniging voor obstetrie en gynaecologie,
Amersfoort, the Netherlands
Implementatie van de INES studie resultaten: wat gaan we doen?

(Inter)national Conferences

2013	29th Annual meeting European Society of Human Reproduction and Embryology London, United Kingdom
2013	44 ^e Gynaecongres, Arnhem, the Netherlands
2014	30 th Annual meeting European Society of Human Reproduction and Embryology Munich, Germany

Other

2012-2014	Journal Club (1/week)
2012-2014	Research meeting (1/week)
2012-2014	Junior researchers meeting (1/week)
2013	Reproductive Biomedicine Seminars (1/week)

Teaching/supervising

Student coaching/monitoring scientific research project 2015 (1 ECTS)

PUBLICATIONS

Inter-clinic variation in the chances of natural conception of subfertile couples. **Tjon-Kon-Fat RI**, Lar DN, Steyerberg EW, Broekmans FJ, Hompes P, Mol BW, Steures P, Bossuyt PM, van der Veen F, van der Steeg JW, Eijkemans MJ. Human Reproduction 2013;28:1391-7.

Prevention of multiple pregnancies in couples with unexplained or mild male subfertility: randomised controlled trial of in vitro fertilisation with single embryo transfer or in vitro fertilisation in modified natural cycle compared with intrauterine insemination with controlled ovarian hyperstimulation. Bendsdorp AJ, **Tjon-Kon-Fat RI**, Bossuyt PMM, Koks CA, Oosterhuis GJE, Hoek A, Hompes PGA, Broekmans FJ, Verhoeve HR, de Bruin JP, van Golde R, Repping S, Cohlen BJ, Lambers MDA, van Bommel PF, Slappendel E, Perquin D, Smeenk JM, Pelinck MJ, Gianotten J, Hoozemans DA, Maas JWM, Eijkemans MJC, van der Veen F, Mol BWJ, van Wely M. British Medical Journal 2015;350:g7771.

Is IVF-served two different ways-more cost-effective than IUI with controlled ovarian hyperstimulation? **Tjon-Kon-Fat RI**, Bendsdorp AJ, Bossuyt PMM, Koks CA, Oosterhuis GJE, Hoek A, Hompes PGA, Broekmans FJ, Verhoeve HR, de Bruin JP, van Golde R, Repping S, Cohlen BJ, Lambers MDA, van Bommel PF, Slappendel E, Perquin D, Smeenk JM, Pelinck MJ, Gianotten J, Hoozemans DA, Maas JWM, Groen H, Eijkemans MJC, van der Veen F, Mol BWJ, van Wely M. Human Reproduction 2015;30:2331-9.

The potential risks and impact of the start of the 2015-2016 influenza season in the WHO European Region: a rapid risk assessment. **Tjon-Kon-Fat R**, Meerhoff T, Nikisins S, Pires J, Pereyaslov D, Gross D, Brown C. Influenza and Other Respiratory Viruses 2016; 10:236-246.

Uterine serous carcinoma: a historic evaluation of therapy. de Leeuw FA, Rijcken FE, Trum JW, van der Noort V, **Tjon-Kon-Fat RI**, Bleeker MC, Kenter GG. European Journal of Gynaecological Oncology 2016;37:211-5.

Can we identify subfertile couples that benefit from immediate in vitro fertilisation over intrauterine insemination? **Tjon-Kon-Fat RI**, Tajik P, Custers IM, Bossuyt PM, van der Veen F, van Wely M, Mol BW, Zafarmand MH. European Journal of Obstetrics & Gynecology and Reproductive Biology 2016; 202:36-40.

Dropout rates in couples undergoing in vitro fertilization and intrauterine insemination

Bensdorp AJ, **Tjon-Kon-Fat RI**, Verhoeve HR, Koks CA, Hompes, PGA, Hoek A, de Bruin JP, Cohlen BJ, Hoozemans DA, Broekmans FJ, van Bommel PF, Smeenk JM, Mol BWJ, van der Veen F, van Wely M. *European Journal of Obstetrics & Gynecology and Reproductive Biology* 2016; 205:66-71.

IUI and IVF for unexplained subfertility: where did we go wrong? **Tjon-Kon-Fat RI**,

Bensdorp AJ, Scholten I, Repping S, van Wely M, Mol BWJ, van der Veen F. *Human Reproduction* 2016;31:2665-2667

Natural conception: repeated predictions over time. van Eekelen R, Scholten I, **Tjon-Kon-**

Fat RI, van der Steeg JW, Steures P, Hompes P, van Wely M, van der Veen F, Mol BW, Eijkemans MJ, Te Velde ER, van Geloven N. *Human Reproduction* 2017; 32:346-353.

IVF or IUI as first-line treatment in unexplained subfertility: the conundrum of treatment selection markers **Tjon-Kon-Fat R.I.**, Tajik, P., Zafarmand, M.H., Bensdorp, A.J.,

Bossuyt, P.M.M., Oosterhuis G.J.E., van Golde R., Repping S., Lambers M.D.A., Slappendel E., Perquin D., Pelinck M.J., Gianotten J., Maas J.W.M., Eijkemans M.J.C., van der Veen F., Mol B.W., van Wely M, on behalf of the INeS study group *Human Reproduction* 2017, in press

Designing an efficient trial CRF: only collect what you need De Jong IM, **Tjon-Kon-Fat RI**,

van Nispen M, van der Goes BY, Mol BWJ, Oude Rengerink K. Submitted

Interventions for unexplained subfertility: protocol for a systematic review and network

meta-analysis **Tjon-Kon-Fat RI**, Wang R, Eijkemans MJC, Bossuyt PMM, Mol BWJ, van der Veen F, Bhattacharya S, van Wely M. Protocol submitted - Cochrane Database for Systematic Reviews

The natural conception rate in couples with unexplained or mild male subfertility: a

secondary analysis of a randomised controlled trial **Tjon-Kon-Fat RI**, van Eekelen R, Bossuyt PMM, van Geloven N, Eijkemans MJC, Bensdorp AJ, van der Veen F, Mol BWJ, van Wely M. Submitted

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One of the most wonderful opportunities that I had was to be able to do an internship at the Influenza and other respiratory pathogens programme of the World Health Organization Regional Office for Europe in Copenhagen, Denmark. It was partially through this internship that I was inspired to pursue a career in public health.

On that note, I would like to thank the Dienst, Gezondheid & Jeugd ZHZ and the GGD Rotterdam-Rijnmond for the very warm welcome and making me feel part of the team from the very beginning. I would like to express my gratitude for giving me the chance to grow and to reach my full potential within the field of infectious disease control. I also thank the team for all their support in finishing this PhD thesis.

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with the relevant but unfortunately not always the most straightforward research that you did for your thesis. I admire that you are a go-getter and always speak your mind. Saloua, we started our PhD at the same time, and went through the ups and downs of PhD life at the same time. I must admit I was a little envious of your many, dare I say many travels along the way, but hopefully we can do some travelling together now. Irma and Saloua, I am so happy to have you both standing next to me during my defense.

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To my parents, thank you for pushing me to do research. I know I can be a bit stubborn at times but I am happy you found a way to motivate me to reach my full potential. From the very beginning I knew I found one of my passions in research and I have you both to thank for this. To my grandfather Hein, as you have told me many times I will be your first grandchild that has finished a PhD thesis. Your words of encouragement to keep working on my PhD have helped me tremendously and for that I am eternally grateful.

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ABOUT THE AUTHOR



Raïssa Tjon-Kon-Fat was born on the 22nd of January 1986 in Paramaribo, Suriname. She lived in the Netherlands and in Suriname during the first few years of her life. From the age of eight to eighteen she lived on the island of St.Maarten in the Caribbean. After graduating from secondary school with honors (cum laude), she moved to the Netherlands to further pursue her studies. In 2005, she started her training in medicine at the Erasmus University in Rotterdam. Raïssa was invited

to participate in the Master of Science program in Clinical Epidemiology of the Netherlands Institute for Health Sciences during her third and fourth year of medical school. During this program, Raïssa received a basic training in epidemiology and conducted research at the department of public health under the supervision of Prof.dr. E.W. Steyerberg and Prof.dr. M.J.C. Eijkemans. She completed the Master of Science program in 2010.

Following a two-year clinical internship program, Raïssa graduated from medical school in January 2012. From January 2012, she had the opportunity to work on her PhD thesis at the Centre for Reproductive Medicine at the Academic Medical Centre in Amsterdam under the supervision of Prof.dr. B.W.J. Mol, Prof.dr.F. van der Veen, Prof.dr. M.J.C. Eijkemans and dr. M. van Wely. Her dissertation comprises studies on treatment strategies for couples with unexplained subfertility. During her PhD period, Raïssa was an active member of the Dutch Consortium for Healthcare Evaluation and Research in Obstetrics and Gynaecology, providing methodological support and maintaining the website.

In 2015, Raïssa worked as a resident not in training at the department of obstetrics and gynaecology of the Sint Lucas Andreas Hospital in Amsterdam. During this period, she decided not to further her training in gynaecology but chose to pursue a career in public health instead. In 2016, she did a three-month internship at the Influenza and other respiratory pathogens programme of the World Health Organization Regional Office for Europe in Copenhagen, Denmark.

As of August 2016, Raïssa works at the Dienst Gezondheid & Jeugd ZHZ in Dordrecht and the GGD Rotterdam-Rijnmond in Rotterdam. In September 2017, she plans to start her residency in communicable disease control. Raïssa lives with her partner Daniel in Hoofddorp, the Netherlands.