Improving care for red blood cell alloimmunized pregnant women

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Appendices

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Publications

Risk factors for RhD immunisation in a high coverage prevention programme of antenatal and postnatal RhIg: a nationwide cohort study.
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Survey of prophylactic use of uterotonics in the third stage of labour in the Netherlands.
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Curriculum Vitae

Yolentha Slootweg werd geboren op 22 november 1986 in Valkenburg (Z-H) als zesde en jongste kind van drie zoons en drie dochters. Na afronding van de HAVO aan het Visser 't Hooft Lyceum in Leiden ging zij naar de Verloskunde Academie in Amsterdam. In 2008 voltooide zij de opleiding tot verloskundige.

Gedurende een korte periode werkte Yolentha als eerstelijns verloskundige in de omgeving van Leiden. Daarna werkte zij een klein jaar als tweedelijns verloskundige in het Vlietland Ziekenhuis in Schiedam. In december 2009 ging zij werken als klinisch verloskundige in het LUMC.

Intussen wilde Yolentha zich verder gaan verdiepen in het doen van wetenschappelijk onderzoek. Daarom startte zij in 2010 met de Master Midwifery Science aan de Universiteit van Amsterdam en studeerde zij in 2013 af. Voor haar Masterthesis deed Yolentha een evaluatiestudie naar de opbrengst van de tweede screening onder Rhc-negatieve vrouwen, welke in 2011 was toegevoegd aan het nationale programma preventie en screening naar infecties en erytrocytenimmunisatie. Tijdens de module Kwalitatief onderzoek werd de interesse gewekt om de wat meer sociale kant van rode bloedcel immunisatie tijdens de zwangerschap wetenschappelijk te exploreren. Samen met Masja de Haas en Joke Koelewijn van Sanquin, Dick Oepkes en Inge van Kamp van het foetale therapie team van het LUMC werd een promotietraject samengesteld. In 2015 startte zij officieel als promovendus, gedeeltelijk gefinancierd door een beurs van Sanquin Blood Supply. Dit traject was een samenwerking tussen de afdeling Verloskunde van het LUMC en de afdeling translationele immunohematologie van Sanquin.

Tijdens haar gehele promotie bleef Yolentha werken als klinisch verloskundige en vanaf 2019 werd zij leidinggevende van het team van verloskundigen. Yolentha is namens de KNOV lid van de programmacommissie Preventie en screening naar infecties en erytrocytenimmunisatie. Daarnaast is Yolentha actief bestuurslid van het verloskundig samenwerkingsverband Leiden in haar rol als leidinggevend verloskundige.

Yolentha woont in Rijnsburg met haar man Maarten Messemaker en haar zoon Job (2014) en dochter Roos (2017).

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De afdeling Verloskunde van het LUMC en de afdeling Translationele Immunohematologie Sanquin hebben mij de mogelijkheid gegeven om mij op dit promotieonderzoek te richten.

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Abbreviations

ADCC – Antibody-dependent cell-mediated cytotoxity assay
BIBI - Special Institute for Blood Group Investigations
Can MEDS – Canadian Medical Education Directives for Specialists
CS – Caesarean Section
FMH – Fetomaternal hemorrhage
HbF – Fetal hemoglobin
HDFN – Hemolytic disease of the fetus and newborn
HZFP – Hemolytische ziekte van de foetus en pasgeborene
IU – International units
IUT – Intrauterine transfusion
IVIg – Intravenous immunoglobulins
KBT – Kleihauer Betke test
LUMC- Leiden University Medical Center
MCA-PSV – Middle cerebral artery peak systolic velocity
MoAb – Monoclonal antibody
MoM – Multiple of the Median
MRP – Manual Removal of the placenta
NIPT – Non-invasive prenatal test
NNS – Number needed to screen
OCP – Obstetric care provider
OPZI – Opsporing en Preventie van zwangerschapsimmunisatie
PSIE – Prenatal Screening for Infectious diseases and erythrocyte immunization
RBC – Red blood cell
Rh – Rhesus
RHD – Rhesus- D antigeen
RhIg – Anti-D prophylaxis
RIVM – Rijksinstituut voor Volksgezondheid en Milieu
UMCG – University Medical Center Groningen

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