## ***Eszter Ilona Vanky***

## *Born on the 25th of February 1961*

## ***Civil status***

## *Married to Henrik Hjorth-Hansen*

## *Children: Anna Katarina (1988) and Peter Jacob (1991)*

## ***Education / Academic degree***

## *1980 -1982 Medical school: University of Reykjavik, Iceland (preclinical education)*

## *1983 -1986 Medical school: University of Linköping, Sweden (clinical education)*

## *1986 MD University of Linköping, Sweden*

## *1994 Specialist in Obstetrics and Gynecology, Trondheim Norway,*

## *2005 PhD at the Norwegian University of Science and Technology, Faculty of Medicine*

## *2014 Professor of Obstetrics and Gynecology*

## ***Professional experience***

## *1996 - 2000 Consultant, Dept of Obstetrics and Gynecology, University Hospital of Trondheim*

## *2000 - 2005 Research fellow September (50% )*

## *2000 - 2005 Clinical doctor September 2000 - June 2001 (50% )*

## *2001 - 2001 Chief consultant for Section of General Gynecology, University Hosp. Trondheim*

## *2006 – 2009 Post.doc. at Inst. of Laboratory medicine, Women’s and Children’s health*

## *2006 - 2009 Senior lecturer at Faculty of Medicine, NTNU*

## *2009 Associate professor in obstetrics*

## *2009 Post.doc at Inst. of Laboratory medicine, Women’s and Children’s Health, Trondheim*

## *2010-2014 Senior consultant at the Dept of Obstetrics, St. Olavs Hospital Trondheim and*

## *Professor at Inst. of Laboratory medicine, Women’s and Children’s health and senior consultant at dept. of Obstetrics.*

## ***Current position***

## *Professor of Obstetrics and Gynecology and*

## *Senior consultant at the Dept. of Obstetrics, St. Olav’s Hospital Trondheim*

*Institute group leader for Obstetrics and Gynecology at Intitute for Lab. Medicine, Children’s and Women’s health*

## *Principal investigator for The PregMet2 study- a Nordic RCT with a 20 mill NOK budget*

## *Principal investigator for The PedMet1 study – A follow-up of a RCT on metformin in pregnancy (mothers and offspring) a 10 mill NOK budget.*

## ***Awards***

## *1995 Nominated for "Teacher of the year” at the Faculty of Medicine, Trondheim.*

## *2005 Marie Spångberg prize 2005.*

## *2005 Research prize for, from the Norwegian Association of Gynecology*

## ***Thesis***

## *2005 “Polycystic ovary syndrome – Metformin treatment in pregnancy” Tapir, Trondheim, Norway:*

## ***Reports/books***

## *Clinical Guidelines in General Gynecology 2004; Chapter “Pelvic inflammatory disease” Co-author*

## *Clinical Guidelines in General Gynecology 2008; Chapter “Polycystic ovary syndrome” Author*

## *Clinical Guidelines in General Gynecology 2015; Chapter “Polycystic ovary syndrome” Author*

## *Norsk elektronisk legehåndbok 2016 Chapter “Polycystic ovary syndrome” Author*

## ***Students supervised***

## *PhD – co-supervisor*

## *Tina Eilertsen MD 2013 “Metabolic and endocrine evaluation of women who had delivered preterm baby”*

## *Master degree - supervisor*

## *Hege Isaksen “Breastfeeding in PCOS women vs. controls” 2006*

## *Herman Leithe and Jørgen Nordskar. “PCOS and breast feeding” 2008*

## *Heidi Vibeke Ludvigsen, “Follow up of children exposed to metformin in utero” 2011*

## *Isa Mari Sandstad and Annette Glasø “Breech presentation and choice of mode of delivery” 2012*

## ***Supervisor for on-going PhD students***

## *Solhild Stridsklev MD. “Blood flow measurements of the uterine artery in pregnant PCOS women treated with metformin*

## *Tone Schetelig Løvvik MD ”PCOS women and preterm birth”*

## *Merethe Ravlo MD “Study of gynecologic claims for compensation in Norway”*

## *Veronica Velle med. stud. “Beneficial effect of breastfeeding on maternal health: consequence or pre-existing risk profile?*

* *Maria Underdal MD* ***“***PCOS mothers and their children: Follow-up of a Norwegian multicenter RCT 5-9 yrs after pregnancy (The MumMet1 study)
* *Liv Guro Hanem MD* ***“***PCOS mothers and their children: Follow-up of a Norwegian multicenter RCT 5-9 yrs after pregnancy (The PedMet1 study)

## ***Co-supervisor for ongoing PhD-students***

## *Ingrid Hov MD “Gestational diabetes mellitus and breastfeeding in women with polycystic ovary syndrome” Main supervisor: SM Carlsen*

## *Johanna Molin MD “The effect of Metformine on immune response, adipocyte hormones, GABA-steroids and androgens in pregnant PCOS women compared to healthy controls-The PregMet Immune Response Study.” University of Umeå, with Marie Bixo as main* *supervisor*

* *Anastasia Trouva “PCOS and thyroid dysfunction in pregnancy” Main supervisor Angelica Linden-Hirschfeldt*
* *Malin Døgl “Induction of labour” Main supervisor Runa Heimstad*
* *Ida Almenning “Adipose tissue function and response to exercise in women with and without polycystic ovary syndrome” Main supervisor Trine Moholdt*

## ***Clinical studies***

## *2006 -2010 Project manager for a researcher initiated Norwegian, RC multi-center trial. Metformin treatment of pregnant PCOS women “The PregMet 1 study”*

## ***Special assignments / Other scientific work***

## *2006 – 2008 Associate Editor of Acta Obstetricia et Gynecologica Scandinavica*

## *2005 – to date Reviewer for Human Reproduction, Fertility & Sterility, JCEM and Acta Obst Gyn Scand, Brittish Journal of Obstetrics and Gynecology*

## *2008 Organized PCOS symposium at “The 36th Nordic Congress of Obstetrics and Gynecology in Reykjavik, Iceland.*

## *2009-2010 Member of the NASH board (Nordic Working Group for Adolescent Sexual and Reproductive Health)*

## *2010 Organized PCOS symposium/meeting (2 days) for gynaecologist (NFOG)*

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## *2011 Initiated the Nordic PCOS Network for Research*

## *2010 Manager of the PhD evaluation committee for Anne Elisabeth Isern 2010*

## *2013 Manager of the PhD evaluation committee for Magne Stoknes 2013*

## *2013 Opponent for the PhD thesis for Ferenc Macsali (UIB)2013 June*

## ***Administration***

## *1996 -1997 Administration and leadership course arranged by the Norwegian Med. association Modul A, B and C*

## *2010 Chairman of the research committee at the Dept of Obstetrics and Gynecology at St. Olavs Hospital*

## ***Research grants***

## *2006 Post-Postdoctor grant - The Liaison Committee between the Central Norway Regional Health Authority and the Norwegian University of Science and Technology*

## *2011 Novo Nordisk research grant 2011*

## ***2011 Norwegian Research Council; 10 mill NOK. PCOS, metformin and pregnancy complications (Nordic RCT)*** *“Metformin treatment of pregnant PCOS women “ThePregMet2 study”, a Nordic RCT”*

## ***2013 Novo Nordic Research grant ( 500 000 NOK)***

## ***2014 Norwegian Research Council; 9 mill NOK. Follow-up of mothers and offspring from a RCT on metformin in pregnancy***

## ***Language skills***

## *Swedish / Norwegian,*

## *Hungarian (mother tongue),*

## *English,*

## *French / German (basic)*

## ***Public engagement***

## *Honorary Consul of Hungary in Trondheim*

## ***Publication list - the last 5 years***

## ***Vanky E*** *et al. Metformin vs. placebo from first trimester to delivery in polycystic ovary syndrome: a randomized, controlled multicentre study Journal of Clinical Endocrinology and Metabolism Dec 2010*

## ***Vanky E*** *et al. PCOS - what matters in early pregnancy? - Data from a cross sectional, multicentre study. Acta Obst Gyn Scand Apr 2011*

## ***Vanky E*** *and Carlsen SM Androgens and antimüllerian hormone in mothers with polycystic ovary syndrome and their newborns. Fertil Steril Feb 2012*

## *Eilertsen T,* ***Vanky E*** *and Carlsen SM Increased prevalence of diabetes and polycystic ovary syndrome in women with a history of preterm birth: a case-control study. BJOG Feb 2012*

## *Eilertsen T,* ***Vanky E*** *and Carlsen SM Anti-Mullerian hormone in the diagnosis of polycystic ovary syndrome: can morphologic description be replaced? Hum Reprod Aug 2012*

## ***Vanky E*** *et. al. Breast size increment during pregnancy and breastfeeding in mothers with polycystic ovary syndrome: a follow-up study of a randomised controlled trial on metformin versus placebo.BJOG Jul 2012*

## *Carlsen SM, Martinussen MP and* ***Vanky E*** *Metformin's effect on first-year weight gain: a follow-up study Pediatrics 2012 Nov.*

## ***Vanky E*** *et al On metformin’s potential to prevent preterm delivery in women with polycystic ovary syndrome - an epi-analysis Acta Obst Gyn Scand 2012 dec.*

## *Ro TB, Ludvigsen HV, Carlsen SM and* ***Vanky E*** *Growth, body composition and metabolic profile of 8-year old children exposed to metformin in utero. SCLI 2012 Aug*

## *Hellseth R,* ***Vanky E****, Salvesen O, Carlsen SM Gestational diabetes mellitus among Norwegian women with polycystic ovary syndrome: Prevalence and risk factors according to WHO and modified IADPSG criteria. EJE 2013 May*

## *Glasø A, Sandstad IM and* ***Vanky E*** *Breech delivery – what influences on the mother’s choice? AOGS 2013 May accepted*

## *Stridsklev S,Carlen SM, Salvesen O, Clemen I and* ***Vanky E*** *” Mid-pregnancy ultrasound of the uterine artery in metformin vs. placebo treated PCOS women. JCEM 2014*

## *Helseth I,* ***Vanky E*** *, Stridsklev S, Vogt Cand Carlsen SM “Maternal and fetal insulin levels at birth in women with PCOS: data from a randomized controlled trial Eur J Endocrinol 201*

## *Christiansen SC,* ***Vanky E,*** *Klungland H, Stafne SN, Mørkved S, et al.* [*The effect of exercise and metformin treatment on circulating free DNA in pregnancy.*](http://www.ncbi.nlm.nih.gov/pubmed/25282112) *Placenta 2014*

## *Maliqueo M, Sundstrom-PoromaaI,* ***Vanky E,*** *Rornes R, et al.* [*Placental STAT3 signaling is activated in women with polycystic ovary syndrome.*](http://www.ncbi.nlm.nih.gov/pubmed/25609240) *Hum reprod 2015*

## *Løvvik TS, Wikstrom AK, Neovius M, Stephanssin O, Roos N,* ***Vanky E***[*Pregnancy and perinatal outcomes in women with polycystic ovary syndrome and twin births: a population-based cohort study.*](http://www.ncbi.nlm.nih.gov/pubmed/25761516) *BJOG 2015*

## *Pinola P, Piltonen TT, Puurunen J,* ***Vanky E****, Sunstrom-Poromaa ey al*[*Pregnancy and perinatal outcomes in women with polycystic ovary syndrome and twin births: a population-based cohort study.*](http://www.ncbi.nlm.nih.gov/pubmed/25761516) *CJEM 2015*

## *Odsæter IH, Åsberg A,* ***Vanky E,*** *Carlsen S* [*HbA1c as screening for gestational diabetes mellitus in women with polycystic ovary syndrome.*](http://www.ncbi.nlm.nih.gov/pubmed/26245653) *BMC Endocr Disord 2015*

* *Dögl M,* ***Vanky E****, Heimstad R.* [*Changes in induction methods have not influenced cesarean section rates among women with induced labor.*](http://www.ncbi.nlm.nih.gov/pubmed/26489875) *AOGS 2016*
* *Joham AE, Nanayakkara N, Ranasinha S, Zoungas S, Boyle J, Harrison C, Forder P, Loxton D,* ***Vanky E****, Teede HJ.* [*Obesity, polycystic ovary syndrome and breastfeeding: an observational Study.*](http://www.ncbi.nlm.nih.gov/pubmed/26782709) *AOGS 2016*
* *Christiansen SC, Eilertsen TB,* ***Vanky E****, Carlsen SM.* [*Does AMH Reflect Follicle Number Similarly in Women with and without PCOS?*](http://www.ncbi.nlm.nih.gov/pubmed/26799212) *PLoS One. 2016*
* *Shetelig Løvvik T, Stridsklev S, Carlsen SM, Salvesen Ø,* ***Vanky E****.* [*Cervical length and androgens in pregnant women with polycystic ovary syndrome, -has metformin any effect?*](http://www.ncbi.nlm.nih.gov/pubmed/26835542) *JCEM 2016*