

## CURRICULUM VITAE



**Päivi Lindvall- Kannisto,MD, PhD, Ass Professor**

### Personal data

**Date of Birth:** 19 september, 1958

**Nationality:** Finnish, EU citizen

**Family:** Married to Magnus who is MD, PhD at the University Hospital of Lund, Lund, Sweden. We have four children Joel (born 1987), Julia (born 1990), Johannes (born 1994) and Jakob (born 1997)

**Licence in Sweden and Norway:** Fully registered with specialist registration in Obstetrics and Gynecology

### Present employment:

Senior Consultant in Obstetrics and Gynecology at the University Hospital Lund Sweden. The University clinic is a referral centre for patients with gynaecological cancer and premature deliveries. At the clinic we perform around 250 major oncological procedures a year. Since October 2005 we also do all major oncology procedures with robot assistance. My main interest is in open and laparoscopic surgery of patients with gynaecological cancer. I have a 40- hour week including two fully days with gynecological surgery and one session with out-clinic patients. I perform open and laparoscopic robotic radical hysterectomies, advanced ovarian cancer surgery, sentinel node procedures in both cervical and vulva cancer patients as well as bowel resections if necessary. The clinic is a reference center for robotic gynaecologic surgery. Until today we have performed nearly 600 robotic procedures.

I am mostly secondary on call three to five times a month for both delivery ward with about 3800 deliveries a year and the gynaecological ward with 17 beds.

### Education

1974-1977 College, Helsinki, Finland the program of Nature Sciences

1978-1985 University of Lund, Sweden, Faculty of Medicine

## **Degrees**

1988 PhD in Neurobiology University of Lund, Faculty of Medicine

1990 MD, University of Lund

1996 Associate Professor in Neurobiology, University of Lund, Faculty of Medicine

## **Professional experience**

1988-1990 Internship, University Hospital of Lund, Lund, Sweden

1991-1996 Senior House Officer, Department of Obstetrics and Gynecology, Departments of Surgery and Urology, Central Hospital of Helsingborg, Helsingborg, Sweden

1996-1998 Senior Registrar, Department of Obstetrics and Gynecology, Central Hospital of Helsingborg, Helsingborg, Dept of Gynecologic Oncology, University Hospital of Lund

1998-2002 Consultant, with special reference to Tumour Surgery and Gynaecologic Oncology, Dept of Obstetrics and Gynecology, Central Hospital, Helsingborg

2002- Consultant, with special reference to Tumour Surgery, Head of the Gynecologic Section, Dept of Obstetrics and Gynecology, University Hospital of Lund

2003- Vice Head, Dept of Obstetrics and Gynecology, University Hospital of Lund

## **Postgraduate courses**

2000 Hysterectomy & pelvic bottom surgery into the new millennium, February 8-9, RCOG London

2000 Laparoscopic hysterectomy & laparoscopic operations of urine incontinence, November 20-22, Sahlgrenska Sjukhuset, Gothenborg, Sweden

2000 8<sup>th</sup> Workshop about laparoscopic and vaginal surgery in gynaecologic oncology, (Lille, France)

2003 Introduction to Clinical Trials, November 5-6, Lund University Hospital

2004 Clinical Trials in Oncology (course 27 May 2004)

2004 - 2007 Principal investigator in Lund for EORTC trial nr 55971 concerning neoadjuvant chemotherapy vs upfront surgery in advanced ovarian carcinoma

2008 16-20 October Mayo clinic workshop in robotic and laparoscopic surgery,

2009 8-10 May Clinical and educational workshop at the 25<sup>th</sup> international papilloma virus conference, Malmö Sweden

### **Administrative experience:**

2002-2008 Head of the Gynecological section of the Department of Obstetrics and Gynecology, University Hospital of Lund  
2002- Vice head of the dept of Obstetrics and Gynecology, Lund University Hospital, Sweden  
Representant of the department at the Cancer Competence Center at the University Hospital of Lund

Leadership course for future heads University Hospital of Lund 2004-2005

Consultant for regional centralisation of major surgery for gynaecological cancer, a still ongoing process since 2006

Ongoing process for regional centralisation of surgery for ovarian carcinoma Start nov2009

Board Member of the GMO (global medical organisation) dealing with educational program for postgraduate doctors and a project coordinator for Obstetrics and Gynecology Rwanda starting 2010

### **Academic Teaching:**

Since 1990 Lecturer for House Officers, medical students and nurses.

Since 1997 Organizer for postgraduate course in Vaginal Hysterectomy twice yearly in Central Hospital of Helsingborg, Sweden

Since 1997 Clinical Tutor for Senior Registrars, Central Hospital of Helsingborg and University Hospital of Lund

2002 External examiner on the thesis "Intrafollicular pressure and biochemical mediators in ovulation" by Markus Matousek University of Gothenburg ( April, 6 th)

2005 A pedagogic award for clinical teaching medical students in Obstetrics and Gynecology, University of Lund

2002-2006 Clinical teacher and lecturer at post –graduate courses in gynecological laparoscopic surgery

Lecturer and examiner in Obstetrics and Gynecology for medical students in Lund University Hospital both for national and international students

Tutor for elective students in graduate school (Lena Bjernstad 2006: Leep conizations)

Tutor for research work in sentinel node techniques for endometrial carcinoma (Catharina Hofte and Peter Hinsell 2007)

2007 External examiner on the thesis " Tight junction formation and regulation in ovarian surface epithelium and epithelial ovarian tumors " by Yihong Zhu, University of Gothenburg (April, 12)

2007 may, External lecturer for postgraduate education in Obstetrics and Gynecology in Rwanda with special reference to the gynaecological surgery

2007 november, vaginal hysterectomy course for postgraduate students at NUR Rwanda

Tutor for Lotten Darlin Elf in her PhD work at the Dept of Obstetrics and Gynecology, Lund University Hospital

2008 december, Examiner on the PhD thesis "Human papillomavirus testing and its application in cervical cancer prevention" Anna Söderlund Strand Dept of Medical Microbiology University of Lund

2009 february, Examiner for the half time control of the thesis" PET CT in cervical cancer diagnosis and treatment "Maria Bjurberg Dept of Oncology, University of Lund

2009 Expert referee for evaluation to get the degree of Ass Professor for Ingiridur Skrinisdotter, dept of Obstetrics and Gynecology, Uppsala University Sweden

2009 May. Tutor for Peter Laudanski, University Of Bialystok Poland with clinical practice in laparoscopic and robotic surgery in Lund

2010 February Tutor for Pawel Knapp, University of Bialystok Poland in robotic and laparoscopic surgery in Lund

2010 April, Examiner on the PhD thesis" Impact on Lifestyle, Hormones, and Breast Cancer " by Maria Hietala, Dept of Oncology, University of Lund Sweden

2010 April, Examiner for Selective student Rebecca Östlund on topic "Rare ectopic pregnancies –cases and review of literature"

2010 May, Examiner on the Ph D thesis "Decision-making in critical situations during pregnancy and birth" by Margaretha Danerek Dept Health Sciences, Faculty of Medicine, Lund University, Sweden

### **Invited speaker, presentation at National and International meetings:**

Different types of hysterectomies. University Hospital of Lund , Sweden 2002

Gynecological surgery and obese patients. Annual meeting of Obstetrics and Gynecology 2005, Gävle, Sweden

Adiposity and laparoscopic surgery in gynecological patients, Kuwait 2006

Outpatient procedure for treating cervical dysplasia , Kuwait 2006

International workshop in minimal invasive surgery: Anatomy of the pelvis and the posterior abdominal wall, May16-18, 2006 Lund Sweden

International Robotic conference: Videopresentation of Robotic myomectomy, sept 2006 Lund Sweden

Cervical and Vaginal Ecology Impact on Health and Reproduction, Lund, Sweden, dec12-14, 2007: Novel techniques in genital cancer surgery

2007 : Course NUR for postgraduate students part 1 may demonstration and lectures part 2 november 2007 Hands on course in vaginal hysterectomy (National University of Rwanda) Butare and Kigali.

Fudan University Red House Hospital Shanghai November 2007: Novel techniques in gynecological oncology

Fudan University Red House Hospital Shanghai November 2008: Sentinel node in cervical cancer

Symposium at the Opening Ceremony of the New Red House Hospital 5-6 June, 2009, Shanghai: Robotic Surgery in Gynecologic Cancer- a current status

Symposium Minimal invasive surgery 2009, June, Lund: A role of minimal invasive surgery in endometriosis and fertility

2009 October, FIGO, Cape Town, South Africa: Videopresentation on robotic surgery "Bulky nodes in cervical cancer"

2009 November, Invited speaker to Dept Oncology" Ploidy in gynaecological cancer"

Invited Speaker to "Robotic surgery in endometriosis"; A lecture for Gynecologists in Southern Sweden 10 April 2010

Invited speaker to symposium organized by Polish Society of Gynecology within European Economic Area Project: Modern minimal invasive technologies in gynaecological oncology, June 18-19 2010

Original articles:

1) Kannisto P, Owman Ch, Rosengren E, Waller B (1984) Intraovarian adrenergic nerves in the guinea-pig: Development from fetal life to sexual maturity. *Cell Tissue Res.* 238: 235-240

2) Spörng B, Kannisto P, Owman Ch, Sjöberg N-O, Waller B (1985) Histochemistry and ultrastructure of adrenergic and acetylcholinesterase-containing nerves supplying follicles and endocrine cells in the guinea-pig ovary. *Cell Tissue Res.* 240:505-511

3) Kannisto P, Owman Ch, Waller B (1985) Involvement of local adrenergic receptors in the process of ovulation in gonadotrophine-primed immature rats. *J Reprod. Fert.* 75: 357-362

4) Kannisto P, Owman Ch, Schmidt G, Waller B (1986) Evidence for prejunctional GABA B receptors mediating inhibition of ovarian follicle contraction induced by nerve stimulation. *Eur.J Pharmac.* 122: 123-129

5) Owman Ch, Stjernquist M, Helm G, Kannisto P, Sjöberg N-O, Sundler F (1986) Comparative histochemical distribution of nerve fibres storing noradrenaline and neuropeptide Y (NPY) in human ovary, Fallopian tube and uterus. *Medical Biology* 64: 57-65

- 6) Kannisto P, Ekblad E, Helm G, Owman Ch, Sjöberg N-O, Stjernquist M, Sundler F, Walles B (1986) Existence and coexistence of peptides in nerves of mammalian ovary and oviduct demonstrated by immunocytochemistry. *Histochemistry* 86:25-34
- 7) Schmidt G, Kannisto P, Owman Ch, Sjöberg N-O (1987) Alteration by histamine of the sympathetic nerve-mediated contractions in the bovine ovarian follicle wall in vitro. *Eur. J. Pharmac.* 135:11-22
- 8) Schmidt G, Ahren K, Brännström M, Kannisto P, Owman Ch, Sjöberg N-O, Tenenbaum A (1987) Histamine stimulates progesterone synthesis and cyclic adenosine 3,5- monophosphate accumulation in isolated preovulatory rat follicles. *Neuroendocrinology* 46: 69-74
- 9) Kannisto P, Owman Ch, Schmidt G, Sjöberg N-O (1987) Characterization of presynaptic 5-HT receptors on adrenergic nerves supplying the bovine ovarian follicle. *Br J Pharmac* 92:487-497
- 10) Schmidt G, Kannisto P, Owman Ch, Walles B (1987) Characterization of histamine receptors mediating contraction and relaxation of the ovarian follicle wall. *Int J Fertil* 32: 399-406
- 11) Kannisto P, Batra S, Owman Ch, Walles B (1987) Extracellular and intracellular calcium sources mediating contractile responses of the smooth muscle in bovine ovarian follicle and ovarian artery. *Eur J Pharmac.* 144: 299-308
- 12) Kannisto P, Håkansson R, Owman Ch, Schmidt G, Wahlestedt C (1987) GABA suppresses stimulation-induced release of 3H-noradrenaline from sympathetic nerve fibres in bovine ovarian follicles. *J Auton Pharmac.* 7: 339-347
- 13) Schmidt G, Kannisto P, Owman Ch, Sjöberg N-O (1988) Is serotonin involved in the ovulatory process in the rat ovary perfused in vitro? *Acta Physiol. Scand* 132:251-256
- 14) Kannisto P, Owman Ch, Schmidt G, Sjöberg N-O (1988) A heterogenous population of alpha 1-adrenoreceptors mediates contraction of the isolated follicle wall from the bovine ovary. *Acta Physiol. Scand* 133:563-571
- 15) Chang J-Y, Ekblad E, Kannisto P, Owman Ch (1989) Serotonin uptake into cerebrovascular nerve fibres of rat, visualization by immunohistochemistry, disappearance following symphatectomy, and release during electrical stimulation. *Brain Res.* 492: 79-88
- 16) Kannisto P, Owman Ch (1989) Prejunctional alpha2-adrenoreceptors modulate the stimulated release of noradrenaline in isolated follicle strips from bovine ovaries. *J. Auton. Pharmac.* 9:411-417
- 17) Walles B, Gröschel-Stewart U, Kannisto P, Owman Ch, Sjöberg N-O, Unsicker K (1990) Immunocytochemical demonstration of contractile cells in the human ovarian follicle. *Experientia* 46: 682-683

- 18) Schmidt G, Jörgensen J, Kannisto P, Liedberg F, Ottesen B, Owman Ch (1990) Vasoactive intestinal polypeptide in the PMSG-primed immature rat ovary and its effect on ovulation in the isolated rat ovary perfused in vitro. *J. Reprod. Fert.* 90:465-472
- 19) Nilsson C, Kannisto P, Lindvall-Axelsson M, Owman Ch, Rosengren E (1990) The neuropeptides vasoactive intestinal polypeptide, peptide histidine isoleucine and neuropeptide Y modulate 3H –noradrenaline release from sympathetic nerves in the choroids plexus. *Eur. J. Pharmac* 181:247-252
- 20) Schmidt G, Kannisto P, Owman Ch (1990) Histaminergic effects on the isolated rat ovarian artery during the estrous cycle. *Biol. Reprod.* 42:762-768
- 21) Jörgensen J, Kannisto P, Liedberg F, Ottesen B, Owman Ch, Schmidt G (1991) The influence of neuropeptide Y and norepinephrine on ovulation in the rat ovary. *Peptides* 12:975-982
- 22) Liedberg F, Kannisto P, Owman Ch, Schmidt G (1993) Effects of vasoactive intestinal polypeptide (VIP) on the neuromuscular complex in the bovine ovarian follicle wall. *J Auton. Pharmac.* 13:201-209
- 23) Christofferson M, Kannisto P, Rydstroem H, Stale H, Walles B (2003) Shoulder dystoci and brachial plexus injury: a case control study. *Acta Obstet. Gynecol Scand* 82:147-151
- 24) Staflin K, Järnum S, Hua J, Honeth G, Kannisto P, Lindvall M (2006) Combretastatin A-1 phosphate potentiates the antitumor activity of carboplatin and paclitaxel in a SCID mouse model of human ovarian carcinoma, *Int J Gynecol Cancer*, 16, 1557-1564
- 25) Persson J, Kannisto P, Bossmar T (2008) Robot-assisted abdominal laparoscopic vesselsparing radical trachelectomy. *Gynecol Oncol*, 111 564-7
- 26) Persson J, Reynisson P, Borgfeldt C, Kannisto P, Lindahl B, Bossmar T (2009) Robot assisted laparoscopic radical hysterectomy and pelvic lymphadenectomy with short and long term morbidity data. *Gynecol Oncol*, 113, 185-190
- 27) Darlin L, Persson J, Bossmar T, Lindahl B, Kannisto P, Måsbäck A and Borgfeldt C (2010) The sentinel node concept in early cervical cancer performs well in tumors smaller than 2cm. *Gynecol Oncol*, 117, 266-269
- 28) Epstein E, Di Legge A, Måsbäck A, Lindqvist P, Kannisto P, Testa A (2010) Sonographic characteristics of squamous cell cancer and adenocarcinoma of the uterine cervix. *Ultrasound in Obstetrics and Gynecology* 2010 in press

#### Chapters, Reviews:

- 1) Kannisto P (1988) The involvement of serotonin in ovulation. In *Fertility and contraception*, Vol1, pp101-103, P Belfort, JA Pinotti, TKAB Eskes (eds), The Parthenon Publishing Group, Lancs UK

2) Kannisto P, Jørgensen J, Liedberg F, Owman Ch, Schmidt G (1991) Neuropeptides and ovulation, In: Local Regulation of Ovarian Function, pp201-208, N-O Sjöberg, L Hamberger, PO Jansson, Ch Owman, HJT Coelingh Bennic (eds), The Parthenon Publishing Group, Lancs, UK