

Education and credentials

Current position

Deputy Head of ART Unit (IVFMD Phu Nhuan), My Duc Phu Nhuan Hospital, Ho Chi Minh City, Vietnam.

Group Leader, Study Group for Endometriosis and Adenomyosis of My Duc Hospital (SEAMD).

Education

2011 – 2017	Medical Degree (General Practitioner) School of Medicine, Vietnam National University at Ho Chi Minh City <i>(Now: University of Health Sciences – Vietnam National University at Ho Chi Minh City, Vietnam)</i>
2019	Clinical ART Course for Clinicians An Sinh Institute for Research and Training of Medicine and Pharmacology, Ho Chi Minh City, Vietnam
2024	Clinical ART Course for Clinicians (#2451) CREST, National University Hospital, Singapore
2024	Male Infertility Course Ha Noi Medical University, Hanoi, Vietnam

Career/Academic appointments

My Duc Phu Nhuan Hospital, Ho Chi Minh City, Vietnam

Jun 2022 – present: Deputy Head of ART Unit

My Duc Hospital, Ho Chi Minh City, Vietnam

Sep 2017 – Jun 2022: IVF Specialist

Academic & Clinical Teaching Appointments:

Sep 2026: Invited Speaker & Faculty, 2nd Asia Pacific Congress on Fertility Preservation (APCFP) and

Asia Pacific Initiative on Reproduction (ASPIRE) Masterclass, Hong Kong

- Assisted Reproductive Technologies Laboratory (Part 1): Mastering Biphasic IVM Oocyte Retrieval Techniques
- IVM Workshop: IVM for Fertility Preservation in Cancer and Non-Cancer Patients
- IVM Workshop: Clinical Results and Safety of IVM

Nov 2025: Invited Speaker, 14th Congress of the Pacific Society for Reproductive Medicine (PSRM 2025) in collaboration with MSART & ISIVF, Kuala Lumpur, Malaysia

- Systematic Approach to Dealing with Recurrent Implantation Failure
- The Endometrium under the lens: Advances in sonographic features during endometrial preparation

Sep 2025: Invited Speaker, 2nd Asia CORE_ From COncception to Birth – REproductive Health Summit, Indonesia

- New IVM Protocol – the Dawn of Gonadotropin-free ART

2024: Lecturer, Train the Trainers, CooperSurgical, Vietnam

2023 – present: Lecturer, OPU and ET Course for Clinicians, HOSREM & My Duc Hospital

2022 – present: Lecturer, CAPA-IVM Course for International Specialists, IVFMD, My Duc Hospital

2021 – present: Lecturer, Clinical ART Course for Clinicians, My Duc Hospital

2020 – present: Lecturer, Basic Clinical ART Course for Healthcare Professionals, HOSREM

Professional societies and review boards

Memberships

Member, Ho Chi Minh City Society for Reproductive Medicine and Endocrinology (HOSREM)

Member, Asia Pacific Initiative on Reproduction (ASPIRE)

Review Activity

Journal of Ovarian Research

Reproductive Biology and Endocrinology

Publications

Books and book chapters

Books (in Vietnamese):

- Hồ Mạnh Tường, **Lê Khắc Tiến**, Nguyễn Khánh Linh (Đồng chủ biên / Co-Editors). Thụ tinh nhân tạo. Nhà xuất bản Tổng hợp Thành phố Hồ Chí Minh, 2022.

(in English: Ho Manh Tuong, Le Khac Tien, Nguyen Khanh Linh (Co-Editors). Artificial Insemination. Ho Chi Minh City General Publishing House, 2022)

Book Chapters (in Vietnamese):

- Chu Khánh Linh, Nguyễn Tâm Hoài, **Lê Khắc Tiến**, Lê Thụy Hồng Khả. Kỹ thuật chuyển phôi và các vấn đề liên quan (tr. 365–388). Trong: Thụ tinh trong ống nghiệm (Tái bản 2026, có bổ sung và cập nhật). Đồng chủ biên: Hồ Mạnh Tường, Trương Thị Thanh Bình, Nguyễn Thị Phương Dung, Nguyễn Hữu Duy. Nhà xuất bản Y Học, 2026.

(In English: Chu Khanh Linh, Nguyen Tam Hoai, Le Khac Tien, Le Thuy Hong Kha. Embryo transfer techniques and related issues (pp. 365–388). In: *In Vitro Fertilization* (2026 edition, revised and updated). Co-editors: Ho Manh Tuong, Truong Thi Thanh Binh, Nguyen Thi Phuong Dung, Nguyen Huu Duy. Medical Publishing House, 2026.)

- **Lê Khắc Tiến**. Adenomyosis và hiếm muộn (tr. 293–310). Trong: Nội tiết sinh sản và vô sinh. Chủ biên: PGS.TS.BS. Vương Thị Ngọc Lan. Nhà xuất bản Y Học, 2026.

(In English: Lê Khắc Tiến. Adenomyosis and Infertility (pp. 293–310). In: Reproductive Endocrinology and Infertility. Editor-in-Chief: Assoc. Prof. Dr. Vương Thị Ngọc Lan. Medical Publishing House, 2026.

- **Lê Khắc Tiến**, Nguyễn Hoàng Nhất Minh. Các bất thường di truyền liên quan đến hiếm muộn nam (tr. 469–487). Trong: Nội tiết sinh sản và vô sinh. Chủ biên: PGS.TS.BS. Vương Thị Ngọc Lan. Nhà xuất bản Y Học, 2026.

(In English: Le Khac Tien, Nguyen Hoang Nhat Minh. Genetic abnormalities associated with male infertility (pp. 469–487). In: Reproductive Endocrinology and Infertility. Editor-in-Chief: Assoc. Prof. Vuong Thi Ngoc Lan, MD, PhD. Medical Publishing House, 2026.)

- **Lê Khắc Tiến**, Hồ Ngọc Anh Vũ. Các phác đồ kích thích buồng trứng trong thụ tinh trong ống nghiệm (tr. 25–40). Trong: Các kỹ thuật hỗ trợ sinh sản. Chủ biên: PGS.TS.BS. Vương Thị Ngọc Lan. Nhà xuất bản Y Học, 2024.

(In English: Lê Khắc Tiến, Hồ Ngọc Anh Vũ. Ovarian stimulation protocols in in vitro fertilization (pp. 25–40). In: Assisted Reproductive Technologies. Editor-in-Chief: Assoc. Prof. Dr. Vương Thị Ngọc Lan. Medical Publishing House, 2024.)

- **Lê Khắc Tiến**, Lê Tiểu My. Thực hành siêu âm trong hỗ trợ sinh sản (tr. 41–51). Trong: Các kỹ thuật hỗ

trợ sinh sản. Chủ biên: PGS.TS.BS. Vương Thị Ngọc Lan. Nhà xuất bản Y Học, 2024.

(In English: Lê Khắc Tiến, Lê Tiểu My. Ultrasound practice in assisted reproduction (pp. 41–51). In: Assisted Reproductive Techniques. Editor-in-Chief: Assoc. Prof. Dr. Vương Thị Ngọc Lan. Medical Publishing House, 2024.)

- Hồ Ngọc Anh Vũ, **Lê Khắc Tiến**, Lê Long Hồ. Các kỹ thuật trích tinh trùng trong điều trị thụ tinh trong ống nghiệm (tr. 91–98). Trong: Các kỹ thuật hỗ trợ sinh sản. Chủ biên: PGS.TS.BS. Vương Thị Ngọc Lan. Nhà xuất bản Y Học, 2024.

(In English: Ho Ngoc Anh Vu, Le Khac Tien, Le Long Ho. Sperm retrieval techniques in in vitro fertilization (pp. 91–98). In: Assisted Reproductive Techniques. Editor-in-Chief: Assoc. Prof. Vuong Thi Ngoc Lan, MD, PhD. Medical Publishing House, 2024.)

- Võ Văn Cường, **Lê Khắc Tiến**. Cập nhật quản lý thất bại làm tổ nhiều lần (tr. 177–187). Trong: *Sản Phụ khoa từ bằng chứng đến thực hành 13*. Nhà xuất bản Y Học, 2023.

(In English: Vo Van Cuong, Le Khac Tien. Update on the management of recurrent implantation failure (pp. 177–187). In: Obstetrics and Gynecology: From Evidence to Practice 13. Medical Publishing House, 2023.)

- **Lê Khắc Tiến**, Trần Thị Lợi. Phụ nữ mang thai (tr. 927–953). Trong: *Hướng dẫn khám lâm sàng & hỏi bệnh sử BATES* (Bản dịch tiếng Việt). Nhà xuất bản Y Học, 2020.

(In English: Lê Khắc Tiến, Trần Thị Lợi. Pregnant Women (pp. 927–953). In: BATES' Guide to Physical Examination and History Taking (Vietnamese translation). Medical Publishing House, 2020.)

- **Lê Khắc Tiến**, Lê Thị Ngân Tâm. Progesterone và dọa sảy thai (tr. 123–134). Trong: *Sản Phụ khoa từ bằng chứng đến thực hành 10*. Nhà xuất bản Y Học, 2020.

(In English: Lê Khắc Tiến, Lê Thị Ngân Tâm. Progesterone and threatened miscarriage (pp. 123–134). In: Obstetrics and Gynecology: From Evidence to Practice 10. Medical Publishing House, 2020.)

- Hê Thanh Nhã Yến, **Lê Khắc Tiến**, Huỳnh Hoàng Mi, Vương Tú Như. Cập nhật điều trị nội khoa lạc tuyến cơ tử cung (tr. 109–122). Trong: *Sản Phụ khoa từ bằng chứng đến thực hành 10*. Nhà xuất bản Y Học, 2020.

(In English: He Thanh Nha Yen, Le Khac Tien, Huynh Hoang Mi, Vuong Tu Nhu. Update on the medical treatment of adenomyosis (pp. 109–122). In: Obstetrics and Gynecology: From Evidence to Practice 10. Medical Publishing House, 2020.)

- **Lê Khắc Tiến**, Lê Tuấn Quốc Khánh, Hồ Ngọc Anh Vũ. Vô tinh – những hướng tiếp cận hiện tại (tr.

225–238). Trong: *Sản Phụ khoa từ bằng chứng đến thực hành 10*. Nhà xuất bản Y Học, 2020.

(In English: Lê Khắc Tiến, Lê Tuấn Quốc Khánh, Hồ Ngọc Anh Vũ. Azoospermia – current approaches (pp. 225–238). In: *Obstetrics and Gynecology: From Evidence to Practice 10*. Medical Publishing House, 2020.)

• Hồ Ngọc Anh Vũ, Lê Long Hồ, **Lê Khắc Tiến**. Cập nhật sảy thai liên tiếp (tr. 105–118). Trong: *Sản Phụ khoa từ bằng chứng đến thực hành 9*. Nhà xuất bản Y Học, 2019.

(In English: Ho Ngoc Anh Vu, Le Long Ho, Le Khac Tien. Update on recurrent miscarriage (pp. 105–118). In: *Obstetrics and Gynecology: From Evidence to Practice 9*. Medical Publishing House, 2019.)

International peer-reviewed journal articles

1. Huynh KT, Nguyen DTP, Le AH, Khong NTM, Pham TD, Nguyen DTN, Nguyen MHN, Le HL, **Le TK**, Huynh BG, Truong NH, Anckaert E, Smits JEJ, Gilchrist RB, Ho TM, Akin N, Vuong LN. Use of low versus high oxygen tension during pre-maturation only in capacitation in vitro maturation (CAPA-IVM): impact on oocyte maturation and metabolism. *Journal of Assisted Reproduction and Genetics*. 2026;43(6):1895–1906. doi: 10.1007/s10815-026-03885-3.
2. Vuong LN, Le HL, Le AH, **Le TK**, Tran VTT, Nguyen DTP, Dang AH, Nguyen HK, Smits JEJ, Ho TM. How to collect immature oocytes from small antral follicles for the Saigon biphasic in vitro maturation protocol. *F&S Reports*. 2026;7(3):247–248. doi: 10.1016/j.xfre.2026.03.005.
3. **Le TK**, Pham TD, Le XT, Ho NT, Le HL, Ho TM, Vuong LN. A retrospective comparison of live birth rate in freeze-all cycles between progestin-primed ovarian stimulation with dydrogesterone and GnRH antagonist protocols. *European Journal of Obstetrics & Gynecology and Reproductive Biology*. 2025 Sep 1;314:114682. doi: 10.1016/j.ejogrb.2025.114682. PMID: 40902469.
4. Vuong LN, **Le TK**, Le HL, Le XTH, Pham TD, Nguyen MHN, Le AH, Tran CT, Gilchrist RB, Ho TM. Fresh embryo transfer in in vitro maturation cycles without gonadotropin treatment. *Fertility and Sterility*. 2025;124(5):1121–1123. doi: 10.1016/j.fertnstert.2025.05.178.
5. Pham HH, Tran VQ, Le AH, Nguyen DL, Pham TD, Vu AL, **Le TK**, Le HL, Huynh BG, Ho TM, Vuong LN. Impact of low versus high oxygen tension on human oocyte maturation during biphasic capacitation IVM (CAPA-IVM). *Journal of Assisted Reproduction and Genetics*. 2025;42(6):1805–1812. doi: 10.1007/s10815-025-03487-7.
6. Duong TND, Dang VQ, **Le TK**, Vu ATL, Nguyen DL, Pham TD, Nguyen MT, Nguyen PTM, Vo TM, Nguyen CTH, Le PTB, Le AH, Tran CT, Mol BW, Vuong LN, Ho TM. Swim-up versus density gradients for sperm preparation in infertile couples undergoing intrauterine insemination: a randomized clinical trial. *Human Reproduction*. 2025;40(5):788–795. doi: 10.1093/humrep/deaf047.
7. Vuong LN, Ho VNA, Le AH, Nguyen NT, Pham TD, Nguyen MHN, Le HL, **Le TK**, et al. Hormone-free

- vs. follicle-stimulating hormone-primed infertility treatment of women with polycystic ovary syndrome using biphasic in vitro maturation: a randomized controlled trial. *Fertility and Sterility*. 2025;123(2):253–261. doi: 10.1016/j.fertnstert.2024.09.010.
8. Le XTH, Nguyen DP, Nguyen TT, **Le TK**, Vuong LN, Ho TM. Live birth after vitrification of oocytes from capacitation in vitro maturation. *Journal of Assisted Reproduction and Genetics*. 2024;41(8):1985–1989. doi: 10.1007/s10815-024-03200-y.
 9. **Le TK**, Le XH, Nguyen DL, Vu AL, Vuong LN. Progestin-Primed Ovarian Stimulation Versus GnRH Antagonist Protocol for Ovarian Stimulation in IVF: A Prospective Pilot Study. *Fertility & Reproduction (F&R)*. 2023 Nov 9;6(1):1–5.
 10. Pham HH, Le AH, Nguyen AM, Ha UD, Nguyen TC, Pham TD, Le HL, **Le TK**, Huynh BG, Ho TM, Vuong LN. Cumulative live birth rate after oocyte in vitro maturation with a pre-maturation step in women with polycystic ovary syndrome or high antral follicle count. *Journal of Assisted Reproduction and Genetics*. 2023;40(4):827–835. doi: 10.1007/s10815-023-02752-9.
 11. Duffy JMN, Bhattacharya S, Bofill M, Collura B, Curtis C, Evers JLH, ... Core Outcome Set in Infertility (COMMIT) Collaborative Group (including **Le TK**). Standardizing definitions and reporting guidelines for the infertility core outcome set: an international consensus development study. *Fertility and Sterility*. 2021;115(1):201–212 / *Human Reproduction*. 2020;35(12):2735–2745.
 12. Duffy JMN, AlAhwany H, Bhattacharya S, Collura B, Curtis C, Evers JLH, ... Core Outcome Set in Infertility (COMMIT) Collaborative Group (including **Le TK**). Developing a core outcome set for future infertility research: an international consensus development study. *Human Reproduction*. 2020;35(12):2725–2734 / *Fertility and Sterility*. 2021;115(1):191–200.
 13. Vuong LN, Ly TT, Nguyen NA, Nguyen LMT, Le XTH, **Le TK**, Le KTQ, Le TV, Nguyen MHN, Dang VQ, Norman RJ, Mol BW, Ho TM. Development of children born from freeze-only versus fresh embryo transfer: follow-up of a randomized controlled trial. *Fertility and Sterility*. 2020 Sep;114(3):558–566. doi: 10.1016/j.fertnstert.2020.04.041. PMID: 32560970.

Abstracts presented at International conferences

1. **Le TK**, Nguyen DL, Pham TD, Le HL, Ho VNA, Le XTH, Vo CV, Nguyen TTL, Ha AN, Ly TT, Huynh BG, Ho TM, Vuong LN. Novel follitropin delta dosing regimen during in vitro fertilisation using a progestin protocol and freeze-all strategy: a propensity score matching cohort study. (Poster Presentation, 15th Congress of the Asia-Pacific Initiative on Reproduction – ASPIRE 2026, Beijing, China, 7–10 May 2026).
2. Vuong LN, Pham TD, Ho VN, Le HL, Le AH, Pham HH, Tran CT, Ha AN, **Le TK**, et al. P-777 Perinatal and neonatal outcomes, along with a long-term follow-up of children, following Capacitation In-vitro Maturation (CAPA-IVM) in women with predicted excessive ovarian response. *Human Reproduction*, Volume 40, Issue Supplement_1, 2025, deaf097.1081. (41st Annual Meeting of the European Society of Human Reproduction and Embryology - ESHRE 2025).

3. Vuong LN, Ho VN, Pham HH, Nguyen NT, Pham TD, Le HL, **Le TK**, Ha AN, et al. O-190 Hormone-free versus FSH-primed infertility treatment of women with polycystic ovary syndrome using biphasic in vitro maturation: a randomised clinical trial. *Human Reproduction*, Volume 39, Issue Supplement_1, July 2024, deae108.223. (40th Annual Meeting of the European Society of Human Reproduction and Embryology - ESHRE 2024, Amsterdam - Oral Presentation).
4. Duong T, **Le TK**, Vu ATL, Nguyen DL, Pham TD, Nguyen MT, et al. O-017 Swim-up versus density gradients for sperm preparation in intrauterine insemination: a multi-centre randomised clinical trial. *Human Reproduction*, Volume 39, Issue Supplement_1, July 2024, deae108.017. (40th Annual Meeting of the European Society of Human Reproduction and Embryology - ESHRE 2024, Amsterdam - Oral Presentation).
5. Pham H, Tran V, Le A, **Le T**, Le H, Pham T, Huynh B, Ho T, Vuong L. P-609 Impact of low versus air oxygen tension on the oocyte maturation in PCOS women undergoing capacitation IVM: a sibling oocyte pilot study. *Human Reproduction*, Volume 39, Issue Supplement_1, July 2024, deae108.941. doi: 10.1093/humrep/deae108.941. (40th Annual Meeting of the European Society of Human Reproduction and Embryology - ESHRE 2024, Amsterdam).
6. **Le TK**. Predictive value of fully automated AMH and picoAMH for predicting poor ovarian response in women undergoing IVF/ICSI: a prospective study. (Oral Abstract Presentation, 11th Congress of the Asia Pacific Initiative on Reproduction – ASPIRE 2022 Virtual Congress, 28 April – 1 May 2022).
7. **Le TK**, Pham QT, Duong TDN, Le KD. FC09_188: Predictive model for successful sperm retrieval using testicular sperm extraction (TESE) technique in non-obstructive azoospermic men. (Oral Presentation - Free Communication, 9th Congress of the Asia Pacific Initiative on Reproduction – ASPIRE 2019, Hong Kong, 2–5 May 2019).