

葉奕廷 醫師

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個人資料：

國籍：台灣

出生年月日：1984-10-15

個人網頁：

Personal Homepage: <https://pedsyeh.org/>

Facebook Page: <https://fb.me/pedsyeh>

Linkedin Page: <https://www.linkedin.com/in/david-yt-yeh-md/>

教育：

2003-2010 國立陽明大學醫學士 (2010)

畢業後訓練：

2011-2014 臺北榮民總醫院外科住院醫師

2015-2017 臺北榮民總醫院兒童外科總醫師

2017-2019 臺北榮民總醫院兒童外科臨床研究醫師 (Fellow)

2018/09 2018 Ym-Bis 國立陽明大學生醫產業與新農業創新創業課程

2018/10 英國倫敦大奧蒙街兒童醫院氣管團隊進修

2019/04-06 美國辛辛那提兒童醫院進修

2019/06 2019 MIT-HMS Healthcare Innovation Bootcamp

2019/08 日本兵庫縣立神戶兒童醫院進修

2019/09 台灣人工智慧學校北部醫療專班結業

2019-2022 臺北榮民總醫院兒童外科主治醫師

2022- 台北馬偕紀念醫院主治醫師

專業證照：

2015 外科專科醫師
2016 消化外科專科醫師
2017 兒童外科專科醫師

專業學會：

台灣外科醫學會會員
台灣消化外科醫學會會員
台灣小兒外科醫學會會員
國際小兒內視鏡醫學會 (IPEG) 會員、創新委員會成員

部定教職：

2018/07 教育部部定講師 (國立陽明大學)

研究興趣：

兒童外科
微創手術
兒童呼吸道手術
3D 醫療影像重組
3D 列印
手術模擬
手術導航

臨床研究：

1. Multi-visceral Transplantation in Large Animal (Porcine) Model – a Pre-Clinical Study. Taipei Veterans General Hospital. 2015. Principal Investigator.
2. The Implication of Three-Dimensional Printing in the Practice of Surgery. Taipei Veterans General Hospital. 2016. Principal Investigator.
3. The Feasibility of Medial Segment Graft for Liver Transplantation

- Materialized by Three-dimensional Printing. 2016. Ministry of Science and Technology. Associated Investigator.
4. Training Model for Minimally Invasive in Neonates and Children. 2018. Taipei Veterans General Hospital. Principal investigator.
 5. A Novel Method of Real-Time Navigated Liver Surgery Incorporating Pre-Operative Simulated Surgery, Intra-Operative Three-Dimensional Ultrasound Registration and Mixed Reality Headset. 2018. Ministry of Science and Technology. Associated Investigator.
 6. The Effects of Different Inhalation Medications on the Histology Markers of Tracheal Granulation Proliferation after Tracheal Surgery in an Animal Model. 2020. Taipei Veterans General Hospital. Associated Investigator.

獲獎紀錄：

1. **Rising Star Award** at 2017 Joint International Congress of International Liver Transplantation Society, ELITA & LICAGE: The Feasibility of Medial Segment Graft for Liver Transplantation Materialized by Three-dimensional Printing.
2. **Best Paper in Surgical Field** in 2015, Journal of Chinese Medical Association: Surgical outcomes of total colonic aganglionosis in children: a 26-year experience in a single institute.
3. **First Prize and Best Popularity Prize** in Business Proposal in 2018 Ym-Bis: Innovation and Entrepreneurship Course in Biomedical Industry at Yang-Ming University.
4. **Third Prize and Best Popularity Prize** in Business Proposal in 2018 Program for Interdisciplinary Talents of Biomedicine and New Agriculture, Ministry of Education, Taiwan
5. **Winning team** [Emirp] of MIT-HMS Healthcare Innovation Bootcamp 2019, Boston, MA, USA

論文發表：

1. Yeh YT, Tsai HL, Chen CY, Wang JB, Chin TW, Wei CF, Liu CS*. Surgical outcomes of total colonic aganglionosis in children: a 26-year experience in a single institute. *J Chin Med Assoc.* 2014 Oct;77(10):519-23. doi: 10.1016/j.jcma.2014.05.012.
2. Yeh YT, Yen HJ, Lin NC, Wang KC, Tsai HL, Liu C*. Successful ABO-incompatible pediatric living donor liver transplantation in an infant with protein C deficiency. *Pediatr Blood Cancer.* 2017 Mar 7. doi: 10.1002/pbc.26521.
3. Yeh YT, Chen CY, Tseng HS, Wang HK, Tsai HL, Lin NC, Wei CF, Liu C*. Enlarging vascular stents after pediatric liver transplantation. *J Pediatr Surg.* 2017. doi: 10.1016/j.jpedsurg.2017.08.060.
4. Yeh YT, Lin NC, Yeh YC, Tsai HL, Chen CY, Liu CP, Liu C*. Vitamin A Can Ameliorate Fibrosis of Liver in an Established Rat Model of Biliary Atresia and Kasai Portoenterostomy. *J Pediatr Surg.* 2018. doi: 10.1016/j.jpedsurg.2018.08.033
5. Yeh YT, Liu C*, Tsai HL, Wu FY, Soong WJ, Lee YS, Tsao PC. A combination of tracheoplasty and tracheal stents is an acceptable method of treating severe congenital tracheobronchial stenosis under extracorporeal membranous oxygenation. *J Pediatr Surg.* 2019. doi: 10.1016/j.jpedsurg.2019.08.043
6. Yeh YT, Chen JY, Kuo PC, Wang TH, Lee HC, Chi CW, Lee CH, Shyr YM, Wang SJ, Chen WM*. Printing a Three-Dimensional Patient-Specific Safety Device for Reducing the Potential Risk of Mental Nerve Injury During Transoral Thyroidectomy. *World J Surg.* 2019. doi: 10.1007/s00268-019-05155-z
7. Wong ZH, Hewitt R, Cross K, Butler C, Yeh YT, Ramaswamy M, McIntyre D, Blackburn S, Giuliani S, Muthialu N, De Coppi P. Thoracoscopic aortopexy for symptomatic tracheomalacia. *J Pediatr Surg.* 2019. doi: 10.1016/j.jpedsurg.2019.10.034
8. Yeh YT, Ramaswamy M, Beeman A, McIntyre D, Heatwole A, Hewitt R,

- Muthialu N*. Autologous pedicled pericardial patch repair of tracheobronchial defect. *Multimed Man Cardiothorac Surg*. 2020. doi: 10.1510/mmcts.2020.005
9. Ramaswamy M, Yeh YT, Varman R, McIntosh N, McIntyre D, Fedevych O, Kostolny M, Hewitt R, Muthialu N*. Staging of Surgeries in Co-morbid Congenital Tracheal Stenosis and Congenital Cardiovascular Disease. *Ann Thorac Surg*. 2020. doi:10.1016/j.athoracsur.2020.01.034
 10. Ramaswamy M, Yeh YT, Varman R, McIntosh N, McIntyre D, Fedevych O, Kostolny M, Hewitt R, Muthialu N*. Staging of Surgeries in Co-morbid Congenital Tracheal Stenosis and Congenital Cardiovascular Disease. *Ann Thorac Surg*. 2020. doi:10.1016/j.athoracsur.2020.01.034 (equally contributing first-author)
 11. Rijnberg FM, Butler C, Yeh YT, Ramaswamy M, de Coppi P, Hewitt R, Muthialu N*. Aortopexy for the treatment of tracheo-broncho-malacia in children. *Multimed Man Cardiothorac Surg*. 2020. doi: 10.1510/mmcts.2020.010
 12. Yeh YT, Ramaswamy M, Shin J, McIntyre D, McIntosh N, Racicot JN, Chippington S, Stuart S, Muthialu N*. Bronchial Dieulafoy's Disease in Children: A Case Report and Review of Literature. *Front. Pediatr*. 2020. doi: 10.3389/fped.2020.00273

研討會報告：

1. Three cases of Factitious Hematuria. Annual Meeting of Taiwan Association of Pediatric Surgeons. 2013. Taipei, Taiwan.
2. Experience with Autologous Blood Patch for Management of Persistent Post-operative Air Leak. Annual Meeting of Taiwan Association of Pediatric Surgeons. 2014. Taipei, Taiwan.
3. Management of protein C deficiency by living donor liver transplantation, case report. Annual Meeting of Taiwan Association of Pediatric Surgeons. 2015. Taipei, Taiwan.

4. Institutional experience of Malone procedure. Annual Meeting of Taiwan Surgical Association. 2016. Taipei, Taiwan.
5. Pediatric Duodenal Injury. District Meeting of Taiwan Association of Pediatric Surgeons. 2016. Taipei, Taiwan.
6. Sigmoid Colon Interposition for Vaginal Reconstruction. Annual Meeting of Taiwan Surgical Association. 2017. Taipei, Taiwan.
7. The Feasibility of Medial Segment Graft for Liver Transplantation Materialized by Three-dimensional Printing. Joint International Congress of International Liver Transplantation Society, ELITA & LICAGE. 2017. Prague, Czech Republic.
8. Enlarging Vascular Stents after Pediatric Liver Transplantation. Annual Meeting of Pacific Association of Pediatric Surgeons. 2017. Seattle, USA.
9. Enlarging Vascular Stents after Pediatric Liver Transplantation. District Meeting of Taiwan Association of Pediatric Surgeons. 2017. Taipei, Taiwan.
10. Second Primary Translocation Renal Cell Carcinoma in a Childhood Cancer Survivor - Case Report and Review of Literature. Annual Meeting of Taiwan Association of Pediatric Surgeons. 2017. Taipei, Taiwan.
11. Living Donor Liver Transplantation with a Small Size Left Lobe Graft with Portal Flow Modulation and Portal Venous Pressure Monitoring. Taipei-Kyoto Medical Summit. 2017. Taipei, Taiwan.
12. Experience of Three-dimensional Printing in Pediatric and Transplantation Surgery (Invited Speech). Medical Innovation and Development Technical Forum. 2017. Taipei, Taiwan.
13. Surgical Management of Annular Pancreas with Relapsing Chronic Pancreatitis. Annual Meeting of Taiwan Surgical Association. 2018. Taipei, Taiwan.
14. Umbilical Fissure Anatomy of Explanted Diseased Liver in Correlation with 3D-Printed Model - a Feasibility Study for Procuring of the Medial Segment Graft. Annual Meeting of Taiwan Surgical Association. 2018. Taipei, Taiwan.

15. Trans-axillary Implantation of Totally Implantable Venous Access Device Achieves Better Cosmesis. Annual Meeting of Pacific Association of Pediatric Surgeons. 2018. Sapporo, Japan.
16. Vitamin A Can Ameliorate Fibrosis of Liver in an Established Rat Model of Biliary Atresia and Kasai Portoenterostomy. Annual Meeting of Pacific Association of Pediatric Surgeons. 2018. Sapporo, Japan.
17. Novel Combination of 3D Printing, Virtual Reality and Indocyanine Green Fluorescence to Assist the In-Vivo Procurement of a Monosegmental Graft in Living-Donor Liver Transplantation. Joint International Congress of International Liver Transplantation Society, ELITA & LICAGE. 2018. Lisbon, Portugal.
18. Experience of Three-dimensional Printing in Pediatric and Transplantation Surgery (Invited Speech). Symposium of Cutting-Edge Medical Technology Advancement, Management of Quality and Safety in Medical Device Development. 2018. Taipei, Taiwan.
19. Surgeon as Designers: A Patient-Specific Safety Device for Transoral Thyroidectomy. 3DHeals Taipei: 3D Printing in Healthcare – What' s next after the hype? 2018. Taipei, Taiwan.
20. A combination of tracheoplasty and tracheal stents is an acceptable method of treating severe congenital tracheobronchial stenosis under ECMO. Annual Meeting of Pacific Association of Pediatric Surgeons. 2019. Christchurch. New Zealand.
21. Thoracoscopic aortopexy for symptomatic tracheobronchomalacia. British Association of Paediatric Surgeons Congress 2019. Nottingham. United Kingdom.
22. Staging of Surgeries in Co-morbid Congenital Tracheal Stenosis and Congenital Cardiovascular Disease – Single Center Experience in UK .

Annual Meeting of Taiwan Surgical Association. 2020. Taipei, Taiwan.
(Canceled due to COVID-19)

23. Optimal Anatomic Correction of Congenital Tracheal Stenosis with Unilateral Lung Agenesis – Experience from Major Pediatric Airway Centers. Annual Meeting of Taiwan Surgical Association. 2020. Taipei, Taiwan. (Canceled due to COVID-19)

24. Living donor liver transplantation for small infants under 6 months of age. Annual Meeting of Pacific Association of Pediatric Surgeons. 2020. Tainan, Taiwan. (Postponed due to COVID-19)

專利：

1. Yeh YT, Chen JY, Wang SJ (2018). TW-M567075. 經口甲狀腺手術的安全裝置
The Safety Device for Trans-oral Thyroidectomy.

翻譯著作：

1. 外科心智圖 [Mind maps in surgery] (繁體中文譯本). 2015. 合記出版社
2. Tarascon 外科手冊 [Tarascon General Surgery Pocketbook] (繁體中文譯本). 2020. 合記出版社 (編輯中)
3. The “How To” book of low-cost surgical simulation. 2019 (翻譯中)