

陳秀玲 CV

姓名：陳秀玲醫師		出生日期：1970 年 05 月 28 日	
單位：新生兒科	職稱：主治醫師	電話：0975355876	
住址：800 高雄市新興區五福一路 108 號 13F 之 1			
現職 中山大學醫學院學士後醫學系教授暨系主任(借調 2024/08/01-) 中山大學醫學院副院長 高雄醫學大學呼吸治療學系教授 高雄醫學大學附設中和紀念醫院新生兒科主治醫師			
學歷 高雄醫學大學醫學研究所碩士畢業 <u>2004/09</u> 至 <u>2007/01</u> 高雄醫學院醫學系畢業 <u>1988/09</u> 至 <u>1995/06</u>			
經歷 高雄醫學大學附設中和紀念醫院新生兒科主任暨新生兒加護室主任 高雄醫學大學呼吸治療學系系主任 高雄醫學大學呼吸治療學系副教授 高雄醫學大學呼吸治療學系助理教授 中華民國新生兒科醫學會副秘書長 高雄市立小港醫院小兒科主治醫師 高雄醫學大學附設醫院小兒科住院醫師及總住院醫師			
專科執照 中華民國小兒科專科醫師。 中華民國新生兒科專科醫師。 中華民國兒童胸腔暨重症專科醫師。 台灣兒科醫學會兒童重症醫學次專科醫師。 新生兒高級救命術指導員。			
專長 1. 一般小兒科學，包括發燒、感冒及腹瀉 2. 新生兒科學，專長 *重症新生兒與早產兒治療 *極低早產兒評估與追蹤 *一般新生兒照顧及常見疾病：如兒童健檢、預防注射、發燒、腹脹、腸絞痛 3. 兒童胸腔醫學，專長 *重症新生兒呼吸治療，包括呼吸器使用 *常見之呼吸道疾病，如支氣管炎及肺炎			

校外組織工作

第十六屆新生兒科醫學會理事

第十六屆新生兒科醫學會降低新生兒死亡策劃委員會主任委員

第十三屆新生兒科醫學會委員會委員：

編輯委員會

公共關係委員會

研究發展委員會

優秀論文甄審委員會

國際事務委員會

Awards 學術獲獎記錄

2007/10/13	重症醫學會年會最佳論文獎, Best paper Award, annual conference, October 13-14, 2007, Taiwan
2010/3/21	台灣新生兒科醫學會九十八年度優秀論文獎, March 21, 2010, The Society of Neonatology, Taiwan
2010/11/20	台灣兒科醫學會 2010 年輝瑞優秀論文獎, Pfizer Pediatric Research Award, Nov. 20-21, 2010, at the 204th Scientific Meeting, Taiwan Pediatric Association
2011/3/20	台灣新生兒科醫學會九十九年度美強生國際醫學會議參加獎, March 20, 2011, The Society of Neonatology, Taiwan
2013/3/10	台灣新生兒科醫學會 102 年度海報論文優秀獎第三名, March 10, 2013, The Society of Neonatology, Taiwan
2014/3/23	台灣新生兒醫學會第十二屆第二次會員大會暨學術討論會海報論文優秀獎第一名, March 23, 2014, The Society of Neonatology, Taiwan
2015/3/15	台灣新生兒科醫學會第十三屆第一次會員大會暨學術討論會. 最佳海報論文獎第三名 March 15, 2015, The Society of Neonatology, Taiwan
2017/3/12	台灣新生兒科醫學會一百零五年度優秀論文獎. March 12, 2017, Taiwan Society of Neonatology

高醫大教學得獎記錄

- 高雄醫學大學教學優良教師: 99, 101, 102,103, 110, 111 學年度
- 高雄醫學大學教學傑出教師: 101, 111 學年度
- 高雄醫學大學績優導師: 100, 101, 105, 106 學年度
- 105 學年度獲選高雄醫學大學醫學系第十一屆孔夫子獎
- 102,103 學年度在高醫附院醫師教學優良單位實習醫學生 intern 模範獎
- 97,99,102,103,105,111 學年度在高醫附院醫師教學優良-實習醫學生 clerk 模範獎
- 96,103,104,105, 107- 111 學年度在高醫附院獲選為教學優良主治醫師
- 103 至 113 學年度榮獲高雄醫學大學醫學院特殊優秀教學人才

校外得獎記錄

106-05 國民健康署頒發之“母嬰親善個人貢獻獎”。

113-03 111年度教育部教學實踐研究績優計畫

主持之研究計畫(2022-2025 近三年內主持計畫之名稱、補助機構、起迄年月)

計畫名稱	補助或委託機構	起訖日期	執行情形	計畫內擔任工作
運用肺部器官晶片驗證早產兒霧化表面張力素給藥之效益與機制(114-2635-B-110-001-)	國科會	2025/08/01 ~ 2026/7/31	執行中	主持人
運用創新生物標記暨智慧穿戴裝置精進脊髓肌肉萎縮症的精準治療(3/4)(114-2321-B-037-001-)	國科會	2025/05/01 ~ 2026/4/30	執行中	共同主持人
用於縮短早產兒鼻胃管放置時間之智慧型早產兒餵食能力評估系統設計(113-2221-E-A49-016-MY3)	國科會	2024/08/01 ~ 2027/7/31	執行中	共同主持人
運用創新生物標記暨智慧穿戴裝置精進脊髓肌肉萎縮症的精準治療(2/4)(113-2321-B-037-008-)	國科會	2024/05/01 ~ 2025/4/30	執行中	共同主持人
運用創新生物標記暨智慧穿戴裝置精進脊髓肌肉萎縮症的精準治療－運用創新生物標記	國科會	2023/05/01 ~	已結案	共同主持人

暨智慧穿戴裝置精進脊髓肌肉萎縮症的精準治療(1/4)(112-2321-B-037-006-)		2024/7/31		
以營養為首，打造早產兒健康之路：降低慢性肺疾病及增進骨密度計畫	高雄醫學大學附設中和紀念醫院	2024/08/01 ~ 2025/7/31	執行中	主持人
應用監測口腔吸吮壓力變化及口腔復健縮短早產兒鼻胃管置放時間	高雄醫學大學附設中和紀念醫院	2023/08/01 ~ 2026/7/31	執行中	主持人
以關鍵字教學法與自我檢核策略提升學生呼吸治療計畫擬定能力	教育部	2022/08/01 ~ 2023/7/31	已結案	主持人
以噴霧方式給予表面張力素治療早產兒之新生兒呼吸窘迫症	衛福部 IIT 計畫	2022/01/01 ~ 2023/12/31	已結案	主持人
應用戲劇治療於輔導早產孩童社會情緒發展遲緩之研究	高雄醫學大學教師專題研究計畫	2022/01/01 ~ 2022/12/31	已結案	主持人

研究論文 (2020-2025年)

陳秀玲 (*為 corresponding author)

1. Ho FCh, Duh TH, Chung HW, Yang ShT, **Chen HL***. (2025). Comparison of Caffeine and Aminophylline in Treating Apnea of Prematurity with Historical Data: A Single Center, Observational Study in Taiwan. *Iranian Journal of Neonatology*, 16(1), 40-47. doi: 10.22038/ijn.2024.75703.2458
2. **Chen HL**, Lin BS, Hong YL, Lin BS. A Multiparameter Monitoring System for Infant Nutrition Feeding Behavior and Brain Activity. Lin in *IEEE Sensors Journal*, vol. 25, no. 7, pp. 11847-11856, 1 April1, 2025, doi: 10.1109/JSEN.2025.3538339.
3. **Chen HL**, Lin BS, Chang CM, Chung HW, Yang ST, Lin BS. Intelligent Neonatal Blood Perfusion Assessment System Based on Near-Infrared Spectroscopy. *IEEE J Transl Eng Health Med*. 2025 Jan 22;13:23-32. doi: 10.1109/JTEHM.2025.3532801. eCollection 2025. PMID: 39911773

4. Response to comment on "long-term health outcomes of children born by cesarean section: A nationwide population-based retrospective cohort study in Taiwan. Chen HL*, Chua WC, Chen YL, Yen CF. J Formos Med Assoc. 2025 Feb 4:S0929-6646(25)00039-7. doi: 10.1016/j.jfma.2025.01.023. Online ahead of print. PMID: 39909773
5. Yang ST, Chung HW, Chen HL*. Feasibility and safety of weaning premature infants from nasal continuous positive airway pressure to high-flow nasal cannula: a prospective observational case study. **BMC Pediatr**. 2024 Nov 15;24(1):741. doi: 10.1186/s12887-024-05167-2.PMID: 39548415
6. Chua WC, Chen YL, Yen CF, Chen HL*. Long-term health outcomes of children born by cesarean section: A nationwide population-based retrospective cohort study in Taiwan. **J Formos Med Assoc**. 2024 Oct 1:S0929-6646(24)00444-3. doi: 10.1016/j.jfma.2024.09.024. Online ahead of print.PMID: 39358115
7. Ho FC, Lin CY, Chang AS, Yeh CY, Chen HL*. Evaluating Pressure Variability and Influencing Factors during High-Flow Nasal Cannula Therapy in Premature Infants. **Children (Basel)**. 2024 Aug 15;11(8):995. doi: 10.3390/children11080995. (SCIE, Pediatrics, 2022, IF 2.4, 58/130=44.6%) (Cited: 0 times)
8. Kuo CM, Su PC, Yang ST, Chung HW, Chen HL*. Furosemide and Ductus Arteriosus Closure in Very-Low-Birth-Weight Preterm Infants: A Comprehensive Retrospective Study. **Children (Basel)**. 2024 May 20;11(5):610. doi: 10.3390/children11050610. PMID: 38790605 (SCIE, Pediatrics, 2022, IF 2.4, 58/130=44.6%) (Cited: 0 times)
9. Huang TR, Chen HL*, Yang ST, Su PC, Chung HW. The Outcomes of Preterm Infants with Neonatal Respiratory Distress Syndrome Treated by Minimally Invasive Surfactant Therapy and Non-Invasive Ventilation. **Biomedicines**. 2024 Apr 10;12(4):838. doi: 10.3390/biomedicines12040838.PMID: 38672192. (SCI, MEDICINE,

RESEARCH & EXPERIMENTAL, 2022, IF 4.7, 57/136=41.9%) (Cited: 0 times)

10. Chang MC, Chen HL, Huang ST, Wang HP, Liu HY. Relationship between orofacial dysfunction and orofacial features, oral function, and eating performance among preschool children. **J Dent Sci**. 2024 Apr;19(2):1044-1051. doi: 10.1016/j.jds.2023.06.022. Epub 2023 Jul 5. PMID: 38618088. (SCIE, DENTISTRY, ORAL SURGERY & MEDICINE, RESEARCH & EXPERIMENTAL, 2022, IF 3.5, 26/91=28.6%)
11. Yang ST, Chung HW, Chen HL*. Comparison of Two Methods for Weaning from Nasal Continuous Positive Airway Pressure via the Cyclic Use of High-Flow Nasal Cannula or Room Air in Preterm Infants. **Children (Basel)**. 2024 Mar 15;11(3):351. doi: 10.3390/children11030351. PMID: 38539386. (SCIE, Pediatrics, 2022, IF 2.4, 58/130=44.6%) (Cited: 0 times)
12. Chung HW, Chen JC, Chen HL, Ko FY, Ho SY; Taiwan Premature Infant Follow-up Network. Developing a practical neurodevelopmental prediction model for targeting high-risk very preterm infants during visit after NICU: a retrospective national longitudinal cohort study. **BMC Med**. 2024 Feb 16;22(1):68. doi: 10.1186/s12916-024-03286-2. PMID: 38360711. (SCIE, MEDICINE, GENERAL & INTERNAL, 2022, IF 9.3, 19/169=11.2%)
13. H. -L. Chen, B. -S. Lin, K. -H. Chen and B. -S. Lin, "An Intelligent Systemic Circulation Monitoring System for Neonatal Illness Severe Severity Evaluation," in **IEEE Access**, vol. 11, pp. 127468-127478, 2023, doi: 10.1109/ACCESS.2023.3331826. (SCIE, ENGINEERING, ELECTRICAL & ELECTRONIC, 2022, IF 3.9, 100/275=36.4%)(Cited: 0 times)
14. Chung HW, Chang CK, Huang TH, Chen LC, Chen HL, Yang ST, Chen CC, Wang K. Mobile Device-Based Video Screening for Infant Head Lag: An Exploratory Study. **Children (Basel)**. 2023 Jul 18;10(7):1239. doi: 10.3390/children10071239. PMID: 37508736.

(SCIE, Pediatrics, 2022, IF 2.4, 58/130=44.6%)

15. Liu YC, Yeh CY, Yang ST, Chung WC, Hsu TJ, Sheu CC, **Chen HL***. Feasibility of Endotracheal Extubation Evaluation Form in Predicting Successful Extubation in Neonatal Intensive Care Units: A Retrospective Study. *Children (Basel)*. 2023 Jun 13;10(6):1053. doi: 10.3390/children10061053. PMID: 37371284; PMCID: PMC10297584. (SCIE, Pediatrics, 2022, IF 2.4, 58/130=44.6%)
16. Chung HW, Yang ST, Liang FW, **Chen HL***; Taiwan Premature Infant Follow-up Network. Clinical outcomes of different patent ductus arteriosus treatment in preterm infants born between 28 and 32 weeks in Taiwan. *Pediatr Neonatol*. 2023 Jan 2:S1875-9572(22)00274-1. doi: 10.1016/j.pedneo.2022.12.004. Epub ahead of print. PMID: 36653283. (SCIE, Pediatrics, 2022, IF 2.1, 66/130=50.8%)(Cited: 1 time)
17. Lin PY, Chen YL, Hsiao RC, **Chen HL**, Yen CF. Risks of attention-deficit/hyperactivity disorder, autism spectrum disorder, and intellectual disability in children delivered by caesarean section: A population-based cohort study. *Asian J Psychiatr*. 2023 Feb;80:103334. doi: 10.1016/j.ajp.2022.103334. Epub 2022 Nov 15. PMID: 36436450. (SCIE, Pediatrics, 2022, IF 2.4, 58/130=44.6%)
18. Chua WC, Chen IC, Liu YC, Wu YH, Lo SH, Hsu JH, Liang PI, **Chen HL**, Dai ZK. Congenital Surfactant C Deficiency with Pulmonary Hypertension-A Case Report. *Children (Basel)*. 2022 Sep 21;9(10):1435. doi: 10.3390/children9101435. PMID: 36291368. (SCIE, Pediatrics, 2021, IF 2.825, 59/130=45.4%)
19. Su PC, Chung HW, Yang ST, **Chen HL***. Effect of Small Volume Blood Sampling on the Outcomes of Very Low Birth Weight Preterm Infants. *Children (Basel)*. 2022 Aug 8;9(8):1190. doi: 10.3390/children9081190. PMID: 36010080. (SCIE, Pediatrics, 2022, IF 2.4, 58/130=44.6%)(Cited: 4 times)
20. Chen IC, **Chen HL**, Liu YC, Wu YH, Lo SH, Hsu JH, Yin HL, Hsu JS, Wu BN, Dai ZK. Unique

- Pulmonary Hypertension in Young Children: A Case Series Study. **Children (Basel)**. 2022 Jul 17;9(7):1064. doi: 10.3390/children9071064. PMID: 35884048; PMCID: PMC9319159. (SCIE, Pediatrics, 2021, IF 2.825, 59/130=45.4%)(Cited: 2 times)
21. Lin CW, Ko HY, Huang CC, Yeh CY, Chiu YC, **Chen HL***. Body Weight Gain Status during the Incubator Weaning Process in Very Low Birth Weight Premature Infants. **Children(Basel)**.2022;9(7):985. <https://doi.org/10.3390/children9070985>. (SCIE, Pediatrics, 2021, IF 2.825, 59/130=45.4%)(Cited: 2 times)
 22. Kuo CM, Tu WL, Yang ST, **Chen HL***. Sirolimus for neonatal Klippel-Trenaunay syndrome with chylothorax. **Kaohsiung J Med Sci**. 2022 Jun;38(6):612-613. doi: 10.1002/kjm2.12537. Epub 2022 Apr 8. PMID: 35394684. (SCIE, MEDICINE, RESEARCH & EXPERIMENTAL, 2021, IF 2.996, 97/139=69.8%)
 23. Chen IL, **Chen HL***. Impact of Illness Severity and Interventions on Successful Weaning from Nasal CPAP in Very Preterm Neonates: An Observational Study. **Children(Basel)**. 2022; 9(5):673. <https://doi.org/10.3390/children9050673>. (SCIE, Pediatrics, 2021, IF 2.825, 59/130=45.4%)(Cited: 1 time)
 24. Chen IL, **Chen HL***. New developments in neonatal respiratory management. *Pediatr Neonatol*. 2022 Mar 16:S1875-9572(22)00048-1. doi: 10.1016/j.pedneo.2022.02.002. Epub ahead of print. PMID: 35382987. (SCIE, Pediatrics, 2021, IF 2.586, 67/130=51.5%) (Cited: 5 times)
 25. Chang MC, Liu HY, Huang ST, **Chen HL***. Study of Orofacial Function in Preschool Children Born Prematurely. **Children (Basel)**. 2022 Mar 4;9(3):360. doi: 10.3390/children9030360. PMID: 35327731; PMCID: PMC8947379. (SCIE, Pediatrics, 2021, IF 2.586, 67/130=51.5%)
 26. Ho FC, **Chen HL**, Chung HW. Axillary Cystic Hygroma. **J Pediatr**. 2021 Jul;234:273-274. doi: 10.1016/j.jpeds.2021.03.024. Epub 2021 Mar 24. PMID: 33771579. (SCIE,

Pediatrics, 2020, IF 4.406, 11/129=8.52%)

27. Li DJ, Chen YL, Hsiao RC, **Chen HL***, Yen CF*. Risk of Respiratory Infectious Diseases and the Role of Methylphenidate in Children with Attention-Deficit/Hyperactivity Disorder: A Population-Based Cohort Study. *Int J Environ Res Public Health*. 2021 May 28;18(11):5824. doi: 10.3390/ijerph18115824. PMID: 34071586; PMCID: PMC8199289. (co-corresponded authors) (Cited: 3 times)
28. Chen IL, **Chen HL***. Lung function in adults born prematurely with bronchopulmonary dysplasia. *Transl Pediatr*. 2020 Jun;9(3):210-212. doi: 10.21037/tp-20-116. PMID: 32775238. (SCIE, Pediatrics, 2019, IF 2.286, 40/128=31.3%)(Cited: 3 times)