

2025 臺中榮民總醫院院慶國際醫學研討會 TCVGH International Medical Conference

AI in Medicine


Future of Healthcare by AI



研討會時間：2025 年 10 月 25 日(星期六) 09 : 00~12 : 00

研討會地點：臺中榮民總醫院第二醫療大樓 2 樓第 7 會議室

王仲祺主任【講者時間: 10:40-11:15】【座長時間: 11:15-11:50】

	姓名	Chen-Chi Wang (王仲祺)
	職稱	Attending Physician
	科別／系所	Department of Otorhinolaryngology Head & Neck Surgery
	機構／單位／學院	Taichung Veterans General Hospital
	E-Mail	entccwang@msn.com
Professional Career	<ol style="list-style-type: none">1. Prof., National Yang-Ming Chiao-Tung University, Taipei, Taiwan2. Board Member, Asia-Oceania Association of Oto-Rhino-Laryngological Societies3. Director, Taiwan Society of Otorhinolaryngology Head Neck Surgery and Taiwan Head & Neck Society4. President, Taiwan Voice Society5. Executive Member, Asia-Pacific Society of Thyroid Surgery	
Speech Title	Esthetic Robotic Neck Surgery- Experiences of Taichung Veterans General Hospital	
Abstract(200 words) :		
<p>Conventional open neck surgery often leaves visible cervical scars, which can negatively impact patients' quality of life. To address cosmetic concerns, robotic neck surgery with the da Vinci system allows remote incisions in hidden sites such as the axilla or postauricular region. Although not minimally invasive in terms of tissue dissection, this approach reduces psychological stress from visible scars. Robotic thyroidectomy has been developed through various techniques, including gasless transaxillary, bilateral axillo-breast (BABA), gasless postauricular facelift, and transoral approaches, each with advantages and limitations. Compared with conventional thyroidectomy, robotic approaches provide superior cosmetic outcomes and may better preserve postoperative voice quality. However, the learning curve, technical demands, and higher costs remain challenges, though large studies from Korea have demonstrated feasibility and safety of the gasless transaxillary method, which we also adopt to minimize neural injury risks. In selective neck dissection for early oral cancer, more than 70% of patients undergoing conventional procedures are found node-negative yet left with cervical scars. Robotic supra-omohyoid neck dissection via a postauricular route offers an aesthetic alternative, achieving comparable oncological outcomes to conventional surgery while significantly improving scar satisfaction. These techniques represent a balance between oncological safety and cosmetic outcomes in head and neck surgery. In this speech, I will share my experiences in Esthetic Robotic Neck Surgery- Experiences at Taichung Veterans General Hospital.</p>		