陳翰容

義守大學醫學院院長

腦神經外科醫師
醫學博士
醫務管理碩士

Han-Jung Chen,MD;PHD;MBA

Professor. Department of Neurosurgery and Health Care Management.I-Shou University,College of Medicine,E-Da Hospital,Kaohsiung,Taiwan.

學歷

學校名稱	主修學系（所）	學位	起訖年月（西元/年/月）
National Gunma University 國立群馬大學	Department of Neurosurgery 神經外科	Ph.D.	1990-1992
National Sun Yet-Sen University 國立中山大學	Institute of Health Care Management 醫務管理學系	MBA	2004-2006
National Taiwan University 國立台灣大學	School of Medicine 醫學系	Bachelor of Medicine	1970-1977

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經歷

服務機構	職稱	起訖年月（西元/年/月）
College of Medicine, I-Shou University 義守大學醫學院	Dean 院長	2016/02-迄今
E-Da Cancer Hospital 義大癌治療醫院	Superintendent 院長	2010/05- 2016/02
E-Da Hospital 義大醫院’	Vice Superintendent 副院長	2004/03- 2010/04
Chang Gung Memorial Hospital, Kaohsiung 高雄長庚紀念醫院	Attending Doctor and Director 主治醫師/主任	1986/01- 2003/07
Duke University Medical Center	Fellow	1985
Chang Gung Memorial Hospital, Linkou 林口長庚紀念醫院	Attending Doctor 主治醫師	1984/07- 1985/12
Chang Gung Memorial Hospital, Linkou 林口長庚紀念醫院	Fellow 研究醫師	1982/07- 1984/06
National Taiwan University Hospital 臺大醫院	Neurosurgical Resident and Chief Resident 住院醫師/總住院醫師	1980/07- 1982/06
National Taiwan University Hospital 臺大醫院	Resident 住院醫師	1978/07- 1980/06

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Form “Stereotaxy” to” Virtual Reality” in Brain Surgery

We have introduced stereotactic planning for Parkinson's disease surgery since 1983.Initially,we used ventriculography in anteroposterior and lateral views to identify the anterior and posterior commissures. The target point was calculated lesion to treat Parkinson s disease . The result was acceptable(up to 80%).Then, computed tomography (CT) for this functional neurosurgical procedure was performed with good result.In recent years ,frameless neuronavigation has been widely used in many neurosurgical centers. It decreases the suffering of patients and offers a good 3-D images for operators ,also with a good treatment result

In neuro-oncological surgery ,the same track could be traced .CT and MRI was introduced in 1970’s and 1980’s .They offered a tremendous benefit in nervous system surgery. A couple years later, reconstructive CT and MRI and the following imaging such as functional MRI.,MRI tractography, ect, support very good guidance during surgery, Recently, the structure of virtual reality has been introduced to combine with brain surgery. It offered more accuracy and precision not only for brain surgery also for perioperative training programs. We like very much to present the personal experience and share together.