

出國報告(出國類別：會議)

**19th European Congress of Physical and
Rehabilitation Medicine**

服務機關：衛生福利部基隆醫院

姓名及職稱：許振榮代理副院長

派赴國家：法國馬賽

出國期間：103 年 5 月 26 日至 103 年 5 月 31 日

報告日期：103 年 8 月

目錄

壹、摘要	3
貳、本文	3
一、目的	3
二、過程	3
三、心得	15
四、建議事項	16

壹、摘要

為增進骨科、復健科、神經科之專業技術，與各國醫師及專家交流，提升台灣與國際之交流。藉由參加會議與歐洲及世界各國醫學專家交流，並獲得最新之專業觀念及未來運動醫學研究方向。

貳、本文

一、目的：

1. 提升復健醫學及運動醫學專業知識及臨床治療技術。
2. 了解未來復健醫學及運動醫學研究領域知潮流方向。
3. 提升台灣與世界復健及運動醫學學者之交流。

二、過程

Monday, May 26th 2014

	CONFERENCE ROOMS							
	AUDITPRIUM Palais du Pharo Level-1	LA MAJOR Room Palais du Pharo Level-2	MPM Amphitheatre	GASTAUT Amphitheatre	g2 Room Palais du Pharo Level - 1	MUCEM Room Palais du Pharo Level 2	NOTRE DAME Room Palais du Pharo Level 2	
08:00	Registration							
11:00 - 12:30	Opening ceremony							
12:30 - 14:30	Break and opening of the exhibition							
14:30 - 16:00	TBI I	Intrathecal baclofen therapy	Diseases of genitourinary system I	Nerves,muscle and poliomyelitis I	Neurosciences INT	Upper limb function	LIS	
16:00	Break ,poster and exhibition visit							
16:30 - 18:00	Round table Neurobehavioural disorders in traumatic brain injury	Functional surgery I	Diseases of genitourinary system II	Nerves,muscle and poliomyelitis II	Human movement science	Musculoskeleta I diseases I	Best of posters I	
18:00 - 19:30	TBI – Medical expertise	Functional surgery II	European Challenge PRM- ITP	Nerves,muscle and poliomyelitis III	Neuro and muscular imagery,CRMBM Timone	Musculoskeleta I diseases II	Best of posters II	
19:00 - 20:30	Welcome Reception, Palais du Pharo, Exhibition Hall	Public conterence: Inclusion of disabled students in the universities	Welcome reception,Palais du Pharo,Exhibition Hall					
21:00								

WORKSHOP ROOMS						
	Room 50 Palais du Pharo Level-1	GRAND LAREG Room Palais du Pharo Level 1	ESTAQUE Room Palais du Pharo Level 1	JOLIETTE Room Palais du Pharo Level 1	SAINT JEAN Room Palais du Pharo Level 1	LACYDON Room Palais du Pharo Level 1
08:00	Registration					
11:30						
12:00						
12:30 - 14:30	Break and opening of the exhibition					
14:30 - 16:00					Session pratique DPC Vieillessement et prise en change en MPR I	15:00-18:00 APA – Round table
16:00	Break ,poster and exhibition visit					
16:30 - 18:00			16:30-17:00 Meet Walter FRONTERA			
18:00 - 19:30	To create a health network like RESPEC - CL	Ultrasound guided BT-A injection techniques	Healing through self-empowering- wheelchair Tai Chi Chuan	Modern rehabilitation osteoporosis, falls and fractures	Stroke and patient education	Dymimic EMG in cerebral palsy: focus on the different challenges of the practical procedure
19:00 - 20:30	Welcome reception, Palais du Pharo, Exhibition Hall					

Sessions pratiques DPC: - workshops: - Satellite meetings:

May 27th 2014

	CONFERENCE ROOMS						
	AUDITPRIUM Palais du Pharo Level-1	LA MAJOR Room Palais du Pharo Level-2	MPM Amphitheatre	GASTAUT Amphitheatre	92 Room Palais du Pharo Level - 1	MUCEM Room Palais du Pharo Level 2	NOTRE DAME Room Palais du Pharo Level 2
08:00	Registration						
09:00 - 10:30	Multiple scleroseis I	Robotics I	Round table - Sensory disorders Sensory disorders	Pressure ulcers I	Self care I	Spinal cordi Injuries I	Swallowing disorders
10:30	Break ,poster and exhibition visit						
11:00 - 12:30	Multiple secleroseis II	Robotics II	Osteoarthritis	Pressure ulcers II	Self care II	Spinal cord Injuries II	TBI II
12:30 - 13:30	MEDIMEX Symposium	MERZ Symposium					Best of posters III
13:30 - 14:30	ALLERGAN EUROPE Symposium	Break ,poster and exhibition visit					
14:30 - 16:00	Multiple secleroseis III	Spasticity I	Executive functions & language	Burns	Occupational therapy I	Round table - Spinal cord injuries	Sport medicine I
16:00	Break ,poster and exhibition visit						
16:30 - 18:00	Geriatrics	Spasticity II	Mental functions II	PRM and cardiovascular diseaseis	Multiple scleroseis IV	Spinal cord injuries IV	Sport medicine II
18:00 - 19:30	EARM:ageing and rehabilitation	Occupational therapy II	SOFMER Awards SOFMER General Assembly	Chronic low back paun	Best of posters IV	Spinal cord injuries V	Sport medicine III
19:30 - 20:30	Award of the European Academy of Rehabilitation Medicine	20:00Conference Dinner at Palais du Pharo,Eugénie and Frioul Reception Rooms					
23:00							

WORKSHOP ROOMS						
	Room 50 Palais du Pharo Level-1	GRAND LAREG Room Palais du Pharo Level 1	ESTAQUE Room Palais du Pharo Level 1	JOLIETTE Room Palais du Pharo Level 1	SAINT JEAN Room Palais du Pharo Level 1	LACYDON Room Palais du Pharo Level 1
08:00 - 08:45	Wheel chair and sitting position	Manual medicine and osteopathy I	TESC Jury Meeting 9:00- 11:30 TESC Session	Assessment of gait in clinical practice	Activity-based therapy for recovery of walking in individuals with chronic spinal cord injury	Workshop SMITH & NEPHEW:PICO experience review
09:00 - 09:45		Manual medicine and osteopathy II		Session pratique DPC Chirurgie fonctionnelle I		Session pratique DPC Douleur de l'enfant I
10:00						
10:30	Break ,poster and exhibition visit			Break ,poster and exhibition visit		
11:00 - 12:30			11:30 – 13:00 ESPRM Exrcutive Committee Meeting (upon invit ation)	Session pratique DPC Chirurgie fonctionnelle II		Session pratique DPC Douleur de l'enfant II
12:30 - 14:30	Break ,poster and exhibition visit		11:30 – 13:00 ESPRM Exrcutive General Assembly (upon invit ation)	Break ,poster and exhibition visit	13:30 – 14:30 FMC-DPC Meeting	Break ,poster and exhibition visit
14:30 - 16:00	ESPRM Robotic Commitee	Academic master class I		Session pratique DPC Douleur de l'adulte I		Session pratique DPC Conduite automobile etlésion cérébrale I
16:00	Break ,poster and exhibition visit					
16:30 - 17:00		Academic master class II		Session pratique DPC Douleur de l'adulte II	International Teaching	Session pratique DPC

18:00					Programme	Conduite automobile et lésion cérébrale II
18:00						
18:30 - 19:15	Serious games	18:00 – 19:30 Evidence-based rehabilitation using single-case experimental designs	Resting hand splint for rhizarthrosis treatment	Robotic assisted rehabilitation of the upper limb in adults with stroke and children with cerebral palsy	Factors for the successful implementation of a palliative computer communication tool in the context of severe aphasia	Functional electrical stimulation of the fibular nerve and hemiplegic gait pattern
19:30						
20:00 - 23:00	Conference Dinner at Palais du Pharo, Eugénie and Frioul Reception Rooms					

May 28th 2014

CONFERENCE ROOMS							
	AUDITPRIUM Palais du Pharo Level-1	LA MAJOR Room Palais du Pharo Level-2	MPM Amphitheatre	GASTAUT Amphitheatre	92 Room Palais du Pharo Level - 1	MUCEM Room Palais du Pharo Level 2	NOTRE DAME Room Palais du Pharo Level 2
08:00 - 08:45		8:00 – 9:00 ALLERGAN France Symposium	8:00 – 8:45 Outcome after childhood stroke				
09:00 - 10:30	Diversity of physical therapy	Posture, balance and gait – Neuro adult	Pediatrics I: cerebral palsy and gait	Pain and PRM I	Parkinson disease I	Cancer I	Pressure ulcers III - Debate forum
10:30	Break ,poster and exhibition visit						
11:00 - 12:30	Stroke I	Posture, balance and gait - Lectures	Pediatrics II: cerebral palsy : from epidemiology to intervention	Pain and PRM II	Parkinson disease II	Cancer II	P&O
12:30 - 14:30	Break ,poster and exhibition visit	12:30 – 13:30 IPSEN Symposium	Break ,poster and exhibition visit				
		13:30 – 14:30 MEDTRONIC Symposium					
14:30 - 16:00	Stroke II	Posture, balance and gait - Ageing	Pediatrics III: childhood acquired brain injury	Pain, fibromyalgia and PRM	Ethics	Information technologies for rehabilitation	Trunk orthosis
16:00	Break ,poster and exhibition visit						
16:30 - 18:00	Round table – early supported discharge after stroke	Posture, balance and gait - Child	Pediatrics IV	Round table -Gaze and attention	Balneotherapy I	Best of posters V	Podo-orthosis
18:00 - 19:30	Stroke III	Finals European Challenge PRM-ITP	Shaken baby	Sponsors meeting	Balneotherapy II	Best of posters VI	Diabetic foot in PRM
19:30		Public					

-		conference: disabled persons: sports and adapted physical activities				
---	--	--	--	--	--	--

	WORKSHOP ROOMS					
	Room 50 Palais du Pharo Level-1	GRAND LAREG Room Palais du Pharo Level 1	ESTAQUE Room Palais du Pharo Level 1	JOLIETTE Room Palais du Pharo Level 1	SAINTE JEAN Room Palais du Pharo Level 1	LACYDON Room Palais du Pharo Level 1
08:00 - 08:45	The input and practice of ENMG for PM	Extracorporeal shock wave therapy	Eye movements exploration workshop	Transcranial magnetic stimulation	8:00 – 10:30 ITP US Course I ITP US Course II	Orthopedic shoes and stroke
09:00 - 10:30		9:30 – 10:00 Meet N. CHRISTODOULOU	Session pratique DPC Spasticité I	Session pratique DPC Troubles respiratoires du blessé médullaire I		9:00-9:30 Meet S. NEGRINI
10:30	Break ,poster and exhibition visit					
11:00 - 12:30			Session pratique DPC Spasticité II	Session pratique DPC Troubles respiratoires du blessé médullaire II	ITP US Course III	
12:30 - 14:30	EBPRM Jury	12:30 – 14:00 Annals of PRM General Assembly	Break ,poster and exhibition visit			
14:30- -16:00			Session pratique DPC Troubles vésicosphinctériens au quotidien I		ITP US Course IV	Session pratique DPC Escarres I
16:00	Break ,poster and exhibition visit			16:00 – 16:30 Meet D. PERENNOU	Break ,poster and exhibition visit	
16:30- -18:00			Session pratique DPC Troubles vésicosphinctériens au quotidien II		ITP US Course V	Session pratique DPC Escarres II

18:00						
18:30 - 19:15	Benefits of digitization by scanner for the creation of transparent orthosis in burned patients	Sports and disabilities	Network in sport's medicine and physical medicine and rehabilitation	Quantified gait analysis and physical examination: towards a rational interpretation	Neuromuscular disease and airway clearance with mechanical in-exsufflator	Multidisciplinary rehabilitation of swallowing and voice disorders

May 29th 2014

CONFERENCE ROOMS			
	LA MAJOR Room Palais du Pharo Level-2	GASTAUT Amphitheatre	MUCEM Palais du Pharo Level 2
08:00	Internation Teaching Programme I	8:00 – 8:45 Mesotherapy	8:00 – 9:00 ESPRM Public Health Committee
08:30			
08:45			
09:00	Internation Teaching Programme I	09:00 – 10:30 PRM Board / UEMS	PRM international,national societies and journals presentations
-			
10:30		Break	
10:30			
11:00	Break		
11:30	Internation Teaching Programme II	PRM programmes and pathways	PRM international,national societies and journals presentations
-			
12:30			
12:30	Break		
-			
13:00			
13:30	European School Marseille I	Quality and PRM programmes	PRM international,national societies and journals presentations
-			
15:00			
15:00	Break		
15:30	European School Marseille II	15:30 – 17:00 Quality and PRM programmes	
-			
16:30			
16:30	AJMER General Assembly		
-			
17:30			
17:30	SYFMER General Assembly		
-			
20:00			

		CONFERENCE ROOMS	
		LA MAJOR Room Palais du Pharo Level-2	GASTAUT Amphitheatre
09:00- 10:30	European School Marseille III		PRM Section / UEMS:health and school professionals in ambulatory setting Round table:PRM Section / UEMS:health and school professionals in ambulatory setting
10:30	Break		
11:00- 12:30	European School Marseille IV		PRM health networks I
12:30	Break		
13:00			
13:30 - 15:00	Internation Teaching Programme III		PRM health networks II
15:00	Break		
15:30 - 17:00			Financing rehabilitation & disability
17:00 - 18:00			Round table – Payment system
18:00 - 19:00	Closing Ceremony		

三、心得

本人奉派於 2014 年 5 月 26 日至 5 月 31 日參加歐洲第 19 屆復健醫學會，大會地點在法國馬賽的法羅宮以及附近的 GASTAUT Amphitheatre 及 MPM Amphitheatre 共三個場地。法羅宮是 18 世紀歷史建築，大會主要使用 1、2 樓，一樓 2 個會議廳與二樓 3 個會議廳，也就是說，法羅宮的 5 個會議廳加上 GASTAUT 及 MPM 總共有 7 個會議廳，同時舉行不同主題的學術研討會，因此，要有取捨，大家都選擇個人最有需求的主題來聽講。

除了大會的學術討論會議外，另外，還有需要付費的工作坊(workshop)，包括：健康網絡的建立、超音波導引之肉毒桿菌注射、輪椅太極拳、骨鬆與骨折之最新復健指引、中風及病患教育、腦性麻痺、肌電圖檢查常見之挑戰。

大會參與國家粗估約有 20 國，主要以歐洲國家為主，另外包括美洲、亞洲的部分國家。研討會主題包羅萬象，包括各個領域：中風、壓瘡、多發硬化、肌肉骨骼、泌尿系統(UTI. Sexual disorder)、創傷性腦傷、脊髓損傷、神經系統疾病、機器人輔助設施、電刺激、影像醫學、運動傷害、肌電圖診斷、心肺復健、兒童早療、日常生活照護、家屬認知壓力，本人選擇臨床最常見的主題參與，包括：創傷性腦傷(TBI traumatic brain injury)、歐美常見的多發性硬化(MS multiple sclerosis)、腦血管疾病(cerebral vascular disease)、下背痛(lower back pain)、平衡步態與老化(balance gait and aging)、兒童早療等一系列演講。

除了學術演講工作坊外，還有 3 天的廠商參展，包括藥商、藥品(高血壓、高血脂)、肉毒桿菌注射、儀器參展(步態分析儀、超音波儀器、各式復健治療儀器)以及書籍。

另外的重點是海報展，以往台灣都是列印出來，大會這次採用 e-poster，此外，大會也選出最佳海報論文 3 篇，並於 5 月 26 日至 27 日兩天特別安排現場發表，並頒獎這些優秀的後輩，獲得大家熱烈的掌聲並給予最大的鼓勵。

歐洲復健醫學會會議氣氛比較悠哉，三三兩兩，出席率普遍不高，不像美國會議緊湊，出席率高且討論熱烈，提問很多，也不像在北京參加世界復健醫學會，官方影子濃厚，頗有宣揚國威，四海來朝的氛圍。

四、建議事項

1. 針對台灣及衛福部醫院：應多參加國際會議，包括：亞洲、歐洲及美洲的會議，積極與各國學者專家交流。
2. 針對台灣：應爭取亞洲亞太醫學會，有了經驗與會員人脈後，再爭取世界醫學會。
3. 針對衛福部、急診、神經、復健：中風是世界各國重要疾病，瑞典針對中風有國家醫療計畫(stroke national plan)，包括診斷碼，已經使用 ICD-10 多年(台灣健保署預計於 2015 實施)，急性評估處置後續復健失能分類(ICF 台灣已經全面使用 ICF)，衛福部應建立國家級中風醫療計畫，對臨床實務病人照護以及研究論文都有重要貢獻。
4. 針對衛福部基隆醫院：基隆醫院可行的研究計畫，如下背痛、兒童早療現況調查、中風病患、泌尿道感染、手腕隧道症候群等相關研究並發表。
5. 雖然大會備有雙語翻譯機，但是有太多演講竟然以法語表達，雖然看著投影片能

夠理解 6 成以上，總是美中不足。

6. 除了多發性硬化症外，幾乎所有主題都是台灣復健醫療常見的病患問題，也是研究重點，但是在研究細項的研究主題多樣性，研究方法設計都比台灣來的深入，也較完備，以及更多不同思考方式，以 MS 為例，研究者會利用心臟復健的工具-運動測試來瞭解 MS 患者的 VO2 心肺體能、復健效果、生活品質(SF36)、改善程度、肌肉纖維(mf)在顯微鏡下改變狀況，以及肌肉耐力強度的變化，還有步態改善情形。
7. 歐洲復健醫學會由各國輪流主辦，行政流程成熟，有一定步驟、規範與 SOP。