

# VIETNAM REHABILITATION SCIENTIFIC CONFERENCE 2024

## CONFERENCE PROGRAM

20 – 21 September, 2024

**Event Venue:** Sailing Hotel - No. 02, Xo Viet Nghe Tinh Avenue, Ha Tinh City, Ha Tinh Province

<b>Friday, 20 September 2024</b>			
7:30-8:00	<b>WELCOME AND REGISTRATION</b>		
8:00-8:20	<b>CONFERENCE OPENING</b>		
8:20-10:30	<b>PLENARY SESSION 1</b> (4 reports)		
10:30-10:45	<b>TEA BREAK &amp; EXHIBITION</b>		
10:45-12:00	<b>OS1: NEUROREHABILITATION</b> (4 Reports)	<b>OS2: ORTHOPEDIC REHABILITATION</b> (4 Reports)	<b>OS3: MUSCULOSKELETAL REHABILITATION</b> (4 Reports)
12:00-13:00	<b>LUNCH SATELLITE SYMPOSIUM</b> (Includes lunch)		
13:00- 15:00	<b>PLENARY SESSION 2</b> (3 reports)		
15:00-15:15	<b>SPONSOR REPORTS</b>		
15:15-15:30	<b>TEA BREAK &amp; EXHIBITION</b>		
15:30-17:30	<b>OS4. CARDIAC REHABILITATION</b> (6 Reports)	<b>OS5: SWALLOWING REHABILITATION</b> (6 Reports)	<b>OS4. CARDIAC REHABILITATION</b> (6 Reports)
18:30	<b>GALA DINNER</b>		
<b>Saturday, 21 September 2024</b>			
8:00-10:15	<b>PLENARY SESSION 3</b> (4 reports)		
10:15-10:30	<b>TEA BREAK &amp; EXHIBITION</b>		
10:30-11:45	<b>OS7: REHABILITATION FOR OTHER DISEASES</b> (4 Reports)	<b>OS8. PEDIATRIC REHABILITATION</b> (4 Reports)	<b>OS 9: PHYSICAL THERAPY</b> (4 Reports)
11:45-12:00	<b>CLOSING CEREMONY</b>		
12:00	<b>LUNCH END OF CONFERENCE</b>		

# VIETNAM REHABILITATION CONFERENCE 2024

## CONFERENCE PROGRAM – OVERALL

Friday, 20 September 2024			
7:30 – 8:00	<b>WELCOME AND REGISTRATION</b>		
8.00 -8:20	<b>CONFERENCE OPENING</b>		
8:20-10:30	<b>PLENARY SESSION 1 - Second-floor auditorium</b> <i>Chairperson: A/Prof. Tran Trong Hai, A/Prof. Luong Tuan Khanh, A/Prof. Tran Quy Tuong</i> <i>Secretary: PhD. Nguyen Thi Huong Giang (Vietnam National Children's Hospital)</i>		
8:20- 8:50	<b>1. Rehabilitation for Stroke Patients: Introduction of system to provide evidence-based treatment to patients in Japan.</b> <i>PhD. Junko Fujitani - Director of Rehabilitation Department - National Center for Global Health and Medicine (NCGM)</i>		
8:50 - 9:20	<b>2. Promoting neuroplasticity for stroke rehabilitation</b> <i>A/Prof. Luong Tuan Khanh – Director of Rehabilitation Center – Bach Mai Hospital</i>		
9:20 - 9:50	<b>3. Overview of cardiac rehabilitation</b> <i>Dr. Nguyen Quang Thu – Périgueux Hospital (France)</i>		
9:50- 10:20	<b>4. Current treatments for peripheral facial nerve paralysis at Viet Duc Hospital</b> <i>A/Prof. Nguyen Hong Ha – Head of Plastic Surgery Department – Viet Duc Hospital</i>		
10:20-10:30	Discussion		
10:30-10:45	<b>TEA BREAK &amp; EXHIBITION</b>		
10:45-12:00	<b>First-floor auditorium</b> <b>OS1: NEUROREHABILITATION</b> <i>Chairperson: Prof. Cao Minh Chau (Phenikaa University), MSc.MD.Ngan Thi Hong Anh (National Geriatric Hospital), Dr. Tran Quoc Dat (Friendship Hospital)</i>  <i>Secretary: MSc.MD. Tran Thai Hung (Viet Duc Hospital)</i>	<b>Second-floor auditorium</b> <b>OS2: ORTHOPEDIC REHABILITATION</b> <i>Chairperson: A/Prof. Nguyen Thi Kim Lien (Viet Duc Hospital), PhD. Pham Thi Cam Hung (Hai Duong Medical Technical University), PhD. Cam Ba Thuc (National Rehabilitation Hospital)</i> <i>Secretary: MSc.MD. Ha Thi Khanh Huyen (Ha Noi Medical University)</i>	<b>Third-floor auditorium</b> <b>OS3: MUSCULOSKELETAL REHABILITATION</b> <i>Chairperson: PhD. Do Chi Hung (VNU University of Medicine and Pharmacy), PhD. Nguyen Tan Dung (Da Nang C Hospital), PhD. Nguyen Phuong Sinh - (Thai Nguyen University of Medicine and Pharmacy)</i> <i>Secretary: MSc.MD. Nguyen Thi My Linh (Ha Noi Medical University)</i>
10:45- 11:00	1. Research on the application of Low - Level Laser Therapy for post-zoster pain relief <i>Prof. Cao Minh Chau (Phenikaa University)</i>	1. The role of upper limb spasticity surgery in children and adults <i>Dr. Tran Thi Thamh Huyen (Viet Duc Hospital)</i>	1. Effect of therapeutic ultrasound for treatment of plantar fasciitis <i>PhD. Nguyen Phuong Sinh - (Thai Nguyen University of Medicine and Pharmacy)</i>
11:00-11:15	2. Clinical epidemiological characteristics and therapeutic effectiveness of high-power laser treatment in patients with herpes zoster at Da Nang C Hospital <i>Dr. Bui Van Hoi (Da Nang C Hospital)</i>	2. Evaluation of rehabilitation results after clavicle plate fixation surgery at Viet Duc Hospital <i>MSc.MD. Bui Duy Hieu (Viet Duc Hospital)</i>	2. Preliminary rehabilitation results applied repetitive peripheral magnetic stimulation therapy for patients with subacute and chronic low back pain due to lumbar disc herniation at E hospital <i>MSc.MD. Nguyen Truong Nam (E Hospital)</i>

11:15- 11:30	3. Evaluation of rehabilitation results of neurogenic bladder in children with spina bifida at Bach Mai Hospital <i>MSc.MD. Ha Thi Thu Loan (Bach Mai Hospital)</i>	3. Evaluation of rehabilitation results after supracondylar humerus fracture conservatively treated in children at Viet Duc Hospital <i>MSc.MD. Ha Thi Khanh Huyen (Ha Noi Medical University)</i>	3. Survey on core muscle dysfunction in patients with chronic low back pain <i>MSc.MD. Le Thi Nhat Phuong</i>
11:30-11:45	4. Evaluation of rehabilitation results for patients after brain trauma surgery using OpenTeleRehab application <i>MSc.MD. Tran Thai Hung (Viet Duc Hospital)</i>	4. Influence of admission age, gender and hematocrit on inpatient rehabilitation outcomes after hip arthroplasty <i>MSc.MD. Lam Ngoc Tram (Hai Phong University of Medicine and Pharmacy)</i>	4. Effectiveness of rehabilitation exercises for adolescent idiopathic scoliosis: A systematic review and meta-analysis <i>MSc.MD. Le Duy (108 Central Military Hospital)</i>
11:45-12:00	Discussion	Discussion	Discussion
12:00-13:00	<b>LUNCH SATELLITE SYMPOSIUM: Transcranial magnetic stimulation (Includes lunch) - Second-floor auditorium</b> <i>Chairperson: A/Prof. Luong Tuan Khanh, A/Prof. Nguyen Trong Luu</i> <i>Secretary: MSc. Nguyen Thanh Nam (Bach Mai Hospital)</i> <i>Speakers: Rehabilitation Center – Bach Mai Hospital</i>		
12:00-12:15	1. Overview of transcranial magnetic stimulation <i>MSc.MD. Bui Thi Hoai Thu (Bach Mai Hospital)</i>		
12:15-12:30	2. Transcranial magnetic stimulation in post-stroke rehabilitation <i>MSc.MD. Hoang Kim Dung (Bach Mai Hospital)</i>		
12:30-13:00	3. Practice		
13:00-15:00	<b>PLENARY SESSION 2 - Second-floor auditorium</b> <i>Chairperson: Prof. Cao Minh Chau, A/Prof. Nguyen Trong Luu, PhD. Pham Thi Cam Hung</i> <i>Secretary: PhD. Hoang Khanh Chi (Ha Noi Rehabilitation Hospital)</i>		
13:00-13:30	<b>PLENARY SESSION 2 - Second-floor auditorium</b> <i>Chairperson: Prof. Cao Minh Chau, A/Prof. Nguyen Trong Luu, PhD. Pham Thi Cam Hung</i> <i>Secretary: PhD. Hoang Khanh Chi (Ha Noi Rehabilitation Hospital)</i>		
13:00-13:30	1. Treatment of Swallowing Disorders - Clinical Practice in Japan with the Use of Devices <i>ST. Akihiro Tsukinaga - National Center for Global Health and Medicine (NCGM)</i>		
13:30-14:00	2. New technology and application in vestibular rehabilitation in Korea <i>Prof. Jung, Kwang-Wook (President of Gyungbuk Provincial Medical Association – Korea)</i>		
14:00-14:30	3. Multidisciplinary role in scoliosis conservative treatment <i>A/Prof.Dr. Mantana Vongsirinavarat (Mahidol University – Thailand)</i>		
14:30-15:00	Discussion		
15:00-15:15	<b>SPONSOR REPORTS</b> Smart rehabilitation and mobility equipment using LEXO robot technology from Tyromotion. TRANSMED Consulting, Trading and Scientific and Technical Services Co., Ltd.		
15:15-15:30	<b>TEA BREAK &amp; EXHIBITION</b>		

15:30-17:30	<b>First-floor auditorium OS4: CARDIAC REHABILITATION</b> <i>Chairperson: A/Prof. Luong Tuan Khanh (Bach Mai Hospital), Dr. Nguyen Quang Thu (Périgueux Hospital - France), Dr. Nguyen Thi Thanh Huyen (Ha Noi Medical University)</i> <b>Secretary: MSc.MD. Bui Thi Hoai Thu (Bach Mai Hospital)</b>	<b>Second-floor auditorium OS5: SWALLOWING REHABILITATION</b> <i>Chairperson: PhD. Nguyen Phuong Sinh - (Thai Nguyen University of Medicine and Pharmacy), PhD. Nguyen Thi Huong Giang (Vietnam National Hospital of Pediatrics), MSc.MD. Cao Bich Thuy (Da Nang University of Medicine and Pharmacy)</i> <b>Secretary: Dr. Le Thi Phuong Dung (Bach Mai Hospital)</b>	<b>Third-floor auditorium OS6: STROKE REHABILITATION</b> <i>Chairperson: A/Prof. Nguyen Trong Luu (Central Military Hospital 108), Dr. Tran Quoc Dat (Friendship Hospital), Dr. Dinh Quang Thanh (Ho Chi Minh hospital for rehabilitation - professional diseases)</i> <b>Secretary: MSc.MD. Hoang Kim Dung (Bach Mai Hospital)</b>
15:30-15:45	1. Case series report: effects of short-term cardiac rehabilitation program following acute myocardial infarction treated by percutaneous coronary intervention <i>MSc.MD. Hoang Thi Dieu Nguyen (Pham Ngoc Thach University of Medicine)</i>	1. Initial results of VFSS in stroke patients receiving enteral tube feedings at Bach Mai hospital's Rehabilitation Center. <i>Dr. Le Thi Phuong Dung (Bach Mai Hospital)</i>	1. Update on the role of Botulinum Toxin A in the treatment of spasticity in stroke patients <i>MSc.MD. Tran Viet Ha (Bach Mai Hospital)</i>
15:45-16:00	2. Monitoring and evaluating the effectiveness of cardiac rehabilitation programs <i>MSc.MD. Bui Thi Hoai Thu, (Bach Mai Hospital)</i>	2. Prevalence and Methods for Assessment of Oropharyngeal Dysphagia in Older Adults <i>PhD. Doan Thanh Nhan, (Quang Nam Northern Mountainous Region Hospital)</i>	2. Results of walking rehabilitation in combination with body weight supported treadmill training in supratentorial ischemic stroke patients <i>MSc.MD. Hoang Kim Dung (Bach Mai Hospital)</i>
16:00-16:15	3. Rehabilitation for heart failure patients <i>MSc.MD. Nguyen Phuong Anh (Vietnam National Heart Institute)</i>	3. Overview of swallowing disorders in newborns and early rehabilitation intervention <i>PhD. Nguyen Thi Huong Giang (Vietnam National Hospital of Pediatrics)</i>	3. Effects of using a Robot Armeo Power on upper limb functional improvement for hemiplegic patients with supratentorial ischemic stroke <i>Dr. Nguyen Thanh Tuan (108 Central Military Hospital)</i>
16:15-16:30	4. Cardiac rehabilitation: Safety, cardiovascular complications and management. <i>Dr. Ho Ngoc Duyen (Cho Ray Hospital)</i>	4. Evaluate the initial effectiveness of premature infant oral motor intervention (PIOMI) at national children's hospital <i>MSc.MD. Pham Thi Duyen, (Vietnam National Hospital of Pediatrics)</i>	4. Application 3D-printed orthotic braces and evaluate the intervention effectiveness of 3D-printed AFO braces on stroke patients <i>Dr. Dinh Quang Thanh (Ho Chi Minh hospital for rehabilitation - professional diseases)</i>
16:30-17:00	5. Pre-and post-cardiac surgery rehabilitation <i>MSc.MD. Tran Thi Quynh Nga (Hanoi Heart Hospital)</i>	5. Management of swallowing after anterior cervical discectomy and fusion <i>MSc.MD. Pham Thi Hai Van (Ha Noi Medical University)</i>	5. Evaluation of the effectiveness of cognitive rehabilitation in patients after cerebral stroke. <i>Dr. Tran Thi Le (Quang Ninh Geriatric Hospital)</i>

17:00-17:15	6. The role of physical therapy in cardiac rehabilitation <i>Bc. Vu Van Khoa (Cho Ray Hospital)</i>	6. Epidemiology, associated factors and effectiveness of intervention for autism spectrum disorders in children aged 18-60 months in Ha Tinh <i>Dr. Pham Thi Phuong, Ha Tinh Rehabilitation Hospital)</i>	6. Constipation in stroke patients. <i>MSc.MD. Nguyen Thi Hanh (National Rehabilitation Hospital)</i>
17:15-17:30	Discussion	Discussion	Discussion
18:30-21:00	<b>GALA DINNER</b>		
<b>Saturday, 21 September 2024</b>			
8:00- 10:15	<b>PLENARY SESSION 3 - Second-floor auditorium</b> <i>Chairperson: PhD. Trinh Quang Dung, PhD. Nguyen Tan Dung, A/Prof. Nguyen Thi Kim Lien</i> <i>Secretary: PhD. Nguyen Phuong Sinh (Thai Nguyen University of Medicine and Pharmacy)</i>		
8:00-8:30	1. <b>Transcranial magnetic stimulation to augment the effects of motor training for upper extremity functions after stroke: from laboratory to clinical setting</b> <i>A/Prof. Jarugool Tretriluxana (Mahidol University – Thailand)</i>		
8:30-9:00	2. <b>Traumatic brain injury: update on rehabilitation treatment</b> <i>A/Prof. Nguyen Thi Kim Lien (Head of Rehabilitation Department – Viet Duc Hospital)</i>		
9:00-9:30	3. <b>Overview of the effectiveness of rehabilitation treatment of non-inflammatory sacroiliac joint disorders</b> <i>Dr. Nguyen Tan Dung (Chairman of Danang Rehabilitation Association, Deputy Director of Danang C Hospital)</i>		
9:30-10:00	4. <b>Overview of flat feet in children</b> <i>PhD. Trinh Quang Dung (Head of Rehabilitation Department – Vietnam National Hospital of Pediatrics)</i>		
10:00 – 10:15	Discussion		
10:15-10:30	<b>TEA BREAK &amp; EXHIBITION</b>		
10:30- 11:30	<b>First-floor auditorium</b> <b>OS7: REHABILITATION FOR OTHER DISEASES</b> <i>Chairperson: PhD. Do Chi Hung (VNU University of Medicine and Pharmacy), PhD. Cam Ba Thuc (National Rehabilitation Hospital), Dr. Nguyen Thi Dien (Ha Tinh Rehabilitation Hospital)</i> <i>Secretary: MSc.MD. Pham Thi Hai Van (Ha Noi Medical University)</i>	<b>Second-floor auditorium</b> <b>OS8: PEDIATRIC REHABILITATION</b> <i>Chairperson: PhD. Trinh Quang Dung (Vietnam National Hospital of Pediatrics), A/Prof. Nguyen Thi Minh Thuy (Hanoi University of Public Health), PhD. Hoang Khanh Chi (Ha Noi Rehabilitation Hospital)</i> <i>Secretary: Dr. Tran Vinh Son (Vietnam National Hospital of Pediatrics)</i>	<b>Third-floor auditorium</b> <b>OS9: PHYSICAL THERAPY</b> <i>Chairperson: A/Prof. Tran Quy Tuong (Viet Nam Rehabilitation Association), PhD. Nguyen Huu Chut, (Vietnam National Hospital of Pediatrics), MSc. Le Thi Kim Phuong (Hai Duong Medical Technical University)</i> <i>Secretary: MSc. Nguyen Thanh Nam (Bach Mai Hospital)</i>
10:30-10:45	1. Rehabilitation for elderly patients after colorectal cancer surgery  <i>MSc.MD. Pham Dinh Phuong (Viet Duc Hospital)</i>	1. Associated impairments among children with cerebral palsy: findings from a cross-sectional hospital-based study in Viet Nam  <i>Dr. Khuc Thi Hong Hanh (Phenikaa University)</i>	1. Overview on pectus carinatum in children  <i>PhD. Nguyễn Hữu Chú (Vietnam National Hospital of Pediatrics)</i>

10:45-11:00	2. The role of rehabilitation in improving sleep quality <i>Dr. Vo Thi Hong Huong (199 Hospital)</i>	2. Occupational therapy intervention program for children with autism spectrum disorder in 1A Hospital <i>Bc. Ho Le Trung (Orthopedic and Rehabilitation Hospital Ho Chi Minh City)</i>	2. Voluntary movement assessment using STREAM scale on stroke patients at the neurology department in Hai Duong General Hospital <i>MSc.Le Thi Kim Phuong (Hai Duong Medical Technical University)</i>
11:00-11:15	3. Rehabilitation outcomes for patients with lymphedema after breast cancer treatment using manual lymphatic drainage with compression bandage at the 108 Central Military Hospital <i>Dr. Bui Thi Hong Thuy (108 Central Military Hospital)</i>	3. Treatment results in pulmonary atelectasis in newborns supported respiratory therapy's Sebastien Herry <i>MSc.MD. Vo Duong Huong Quynh (Tam Anh Hospital)</i>	3. Initial evaluation of supporting treatment of primary insomnia with low frequency magnetic field therapy at the Rehabilitation & Traditional Medicine Department in VNPT Hospital <i>Bc. Trinh Thuy Thuy Trang (VNPT General Hospital)</i>
11:15-11:30	4. Effectiveness of complex decongestive therapy in the treatment of upper limb lymphedema after breast cancer: A case series report <i>Dr. Mai Thi Hong Van (Hue Central Hospital)</i>	4. Initial assessment of treatment of pectus carinatum with orthotic bracing <i>Dr. Tran Vinh Son (Vietnam National Hospital of Pediatrics)</i>	4. Herringbone stairs help children practice standing and walking <i>Duong Thi Thu Cuc (Quang Ninh Geriatric Hospital)</i>
11:30-11:45	Discussion	Discussion	Discussion
11:45-12:00	<b>CLOSING CEREMONY</b> <i>Chairperson: A/Prof. Tran Trong Hai, Prof. Cao Minh Chau, A/Prof. Nguyen Trong Luu, A/Prof. Tran Quy Tuong</i> <i>Secretary: Dr. Nguyen Thi Huong Giang (Vietnam National Children's Hospital)</i>		
12:00 -13:00	<b>LUNCH</b> <b>END OF CONFERENCE</b>		