



3MSM Health Care Academy

Negative Pressure Wound Therapy With Instillation in the Management of Complex Wounds

Liệu Pháp Hút Áp Lực Âm Kèm Truyền Rửa Trong Điều Trị Các Vết Thương Phức Tạp

**9 NOV
2021
Tuesday**
6pm (SGT)



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Time	Program	Speaker
5mins	Welcome Lời chào	Prof. Dr. Harikrishna K. Ragavan Nair
5mins	Opening address Phát biểu khai mạc	A/Prof. Dr. Nguyen Anh Tuan
20mins	Presentation by Guest Speakers Các bài phát biểu của Khách Mời	Dr. Pek Wan Sze
20mins		Dr. Lee Chin Yen
10mins	Live discussion / Q&A Thảo luận Trực Tiếp / Hỏi & Trả lời	Chairperson by Prof. Dr. Harikrishna K. Ragavan Nair

Dr. Pek Short Summary on presentation:

This presentation aims to share our institution's experience and strategies in the management of such chronic and complex wounds with the use of negative pressure wound therapy with instillation as an adjunct to other standard principles of wound management. These patients are optimally managed in collaboration with a multidisciplinary team including the vascular surgeon, orthopaedic surgeon, plastic surgeon, nurses and allied healthcare such as podiatrists. A successful outcome can be reliably achieved with appropriate patient selection, correct application technique including achieving a secure seal around the wound bed and selecting an appropriate amount of instillation fluid, dwell time and period of negative pressure wound therapy, as well as close communication with the nursing staff to ensure its smooth utilisation and avoid complications which may arise from its use.

Dr. Lee Short Summary on presentation:

Negative pressure wound therapy (NPWT) is effective to achieve faster wound bed granulation in diabetic foot ulcer, leading to earlier complete healing. The application of portable NPWT machine during the COVID-19 pandemic has increased tremendously, to reduce the length of stay and morbidity of patients with DF infections. The invention of the novel NPWT with instillation (NPWTi-d) has brought in more effective NPWT wound management especially among DF infections.

This presentation aims to share my local experience in the application of NPWT and NPWTi-d in the management of diabetic foot infections especially during this COVID-19 pandemic. The patients are managed holistically in collaboration with a multidisciplinary team, including orthopaedic surgeon, endocrinologist, infectious disease specialist, rehabilitation physician, plastic surgeon and podiatrist. The application of NPWT and NPWTi-d have made the transition of care between the outpatient and inpatient setting easier and smoother.

Chairperson

Prof Dr. Harikrishna K. Ragavan Nair

Chairman of the ASEAN Wound Council and President of the Malaysian Society of Wound Care Professionals (MSWCP)



Fellow of College of Wound Care specialist
Fellow of Royal college of Physicians of Ireland and Edinburg

Prof. Dr. Harikrishna K.R.Nair is the Chairman of the ASEAN Wound Council and President of the Malaysian Society of Wound Care Professionals (MSWCP). He founded and heads the first and the largest Wound Dept in Kuala Lumpur Hospital.

Besides being a prolific speaker and trainer, he has published 19 books, 68 journals and various guidelines locally and internationally. He was also appointed as Recorder, Executive Board of the WUWHS and is President of the Asia Pacific Association for Diabetic Limb Problems. He is the Editor in Chief of Wounds Asia and the Journal of Wound Care Silk Road Supplement.

Panelist

A/Prof. Dr. Nguyen Anh Tuan

Plastic Surgeon, University of Medicine and Pharmacy of Ho Chi Minh City, Vietnam
President of Wound Management Association



A/Prof. Dr. Tuan Nguyen is a Plastic Surgeon at Ho Chi Minh City, Viet Nam. He works at University Medical Center of Ho Chi Minh City, Vietnam. He also is the President of Wound Management Association of Ho Chi Minh City (WMAH) and also member of ASEAN Wound Council.

A/Prof. Dr. Tuan is a specialist in Plastic surgery – with a focus on microsurgery, hand surgery and wound care– as well as a specialist in plastic reconstructive and aesthetic surgery. Throughout his career as a plastic surgeon, A/Prof. Dr. Tuan has treated many cases with complicated wound and chronic wound. He also is the one of first people using NPWT at Ho Chi Minh City. Not only is a plastic surgeon, A/Prof. Dr. Tuan also participate teaching plastic reconstructive surgery and wound care at University of Medicine and Pharmacy of Ho Chi Minh City, Vietnam.

Guest Speakers

Dr. Pek Wan Sze

Consultant Plastic Surgeon
Department of Plastic, Reconstructive and Aesthetic Surgery, Singapore General Hospital



Dr. Pek received her undergraduate medical training at the Yong Loo Lin School of Medicine, National University of Singapore. She is double exit certified in both Plastic Surgery and General Surgery, from the Academy of Medicine, Singapore and the Royal College of Surgeons, Edinburgh respectively. In 2019, she was awarded the Gold Medal from the College of Surgeons in Plastic, Reconstructive and Aesthetic Surgery. She is a fellow of the Royal College of Surgeons of Edinburgh and a Fellow of the Academy of Medicine in Singapore.

Currently practising as a plastic surgeon at Singapore General Hospital, her clinical work centres on reconstructive surgery following cancer and trauma surgery. She also has research interest in facial and lymphatic surgery and has presented her work at numerous international and local conferences. She has been involved in the organisation of various meetings locally, including the annual Plastic Aesthetic Surgery Meeting in Singapore 2019, the Facial Reanimation Course with Dr. Daniel Labbe in 2016 and the first Singapore Face and Hand Transplant Meeting in 2015.

Dr. Pek's key clinical interests are microsurgical reconstructive surgery, lymphatic surgery and facial and nasal reconstruction. She aspires to further hone her skills by visiting high-volume centres internationally to learn from pioneer surgeons in these fields. With this travel stipend, she hopes to be granted a visiting observership or fellowship in Taiwan or the United States of America.

Dr. Lee Chin Yen

Head of the Wound Care, Tengku Ampuan Afzan Hospital
Honorary Secretary of the Malaysian Association of Wound Clinicians



Dr. Lee Chin Yen is the Coordinator of Wound Care services of the Pahang State in Malaysia, as well as the head of the Wound Care Unit at Tengku Ampuan Afzan Hospital, a tertiary referral center in the state of Pahang which caters to the health needs of 1.62 million people.

He is also the Honorary Secretary of the Malaysian Association of Wound Clinicians. He completed his undergraduate training at Monash University Australia and completed his post graduate studies in Master of Wound Healing and Tissue Repair from Cardiff University in the UK. He has spoken in various local and international conferences and has published articles/posters regarding modern wound care practices. He is also an active member of the National Wound Care Surveillance Committee Member, Ministry of Health Malaysia.