

INTERNATIONAL SKIN CANCER SURGERY MASTERCLASS

16-18 November 2017 | Auckland, New Zealand

Experience all aspects of skin cancer surgery
in a multi-disciplinary setting and
with a range of internationally renowned experts.



Dr Sharad Paul
Host and Keynote Speaker

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DAY 1: THURSDAY, 16 NOVEMBER 2017

Time	Session / Topic	Presenter
08:00am – 08:30am	Registration	
08:30am – 09:00am	Introduction AUT / Maori Welcome	Sharad Paul
09:00am – 10:30am	Nose and cheek reconstruction <ul style="list-style-type: none"> • Skin lines for planning cheek closures • Vascularity of the cheek • Planning closures involving both skin lines and vascular zones • Risks of ectropion and how to avoid it 	Sharad Paul
10:30am – 10:45am	Morning tea	
10.45am – 12:15pm	Practical - Overview of oblique sigmoid island flaps and the Golden Spiral scalp flap	Sharad Paul
12:15pm – 01:00pm	Lunch	
01:00pm – 02:30pm	Dermatopathology	Simon Clark
02:30pm – 02:45pm	Afternoon tea	
02.45pm – 03:15pm	Melanoma: What's hair got to do with this? <ul style="list-style-type: none"> • The theory behind hair and melanoma pathogenesis • Understanding sun damage and stem cell mechanisms • Research that explains how radiation can affect skin via hair • The processes behind UV damage 	Sharad Paul Xiyong Huang
Social activity (optional)	America's Cup Yacht Sailing	

DAY 2: FRIDAY, 17 NOVEMBER 2017

Time	Session / Topic	Presenter
08:15am – 08:30am	Tea and coffee	
08:30am – 09:30am	Dermatopathology with case study discussion	Simon Clark
09:30am – 10:30am	Surgery and anticoagulants <ul style="list-style-type: none"> • Warfarin and Heparin: mechanisms and when to stop before surgery • Newer anticoagulants like Dabigatran: managing complications • Use of other drugs like Aspirin and Clopidogrel • Managing patients with bleeding disorders 	Paul Ockelford
10:30am – 11:00am	Morning tea	Paul Ockelford
11:00am – 12:15pm	Lower limb reconstruction <ul style="list-style-type: none"> • Understanding skin lines of the lower limb • Understanding vascularity and the "surgical plane" of the lower limb • Flaps, grafts and fascia release techniques 	Sharad Paul
12:15pm – 01:15pm	Lunch	
01:15pm – 01:45pm	A mathematical view of scalp skin anisotropy <ul style="list-style-type: none"> • Understanding the role of mathematics in skin anisotropy and surgery • Statistics in the context of comparing surgical methods • Student t-test and statistical methods explained for the physician 	Robin Hankin

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DAY 2: FRIDAY, 17 NOVEMBER 2017

Time	Session / Topic	Presenter
01:45pm – 02:15pm	Skin imaging technology <ul style="list-style-type: none"> • Overview of skin imaging methods • Artificial Intelligence in skin diagnosis and the future • MetaOptima's Molescope and DermEngine 	Maryam Sadeghi
02:15pm – 02:45pm	Animation and medical education <ul style="list-style-type: none"> • Animation videos in medical education • Collaboration in medical research: examples on working with Dr Sharad Paul using animation • Animation and Virtual Reality possibilities 	John Piper
02:45pm – 03:00pm	Afternoon tea	
03:00pm – 05:00pm	Practical - Lower limb dissection and fascial release flap	Sharad Paul

DAY 3: SATURDAY, 18 NOVEMBER 2017

Time	Session / Topic	Presenter
08:00am – 08:15am	Tea and coffee	
08:15am – 09:15am	Radiotherapy and skin cancer <ul style="list-style-type: none"> • The role of radiotherapy in skin cancer • How are doses and regimens calculated? • Side effects and risks and newer methods 	Benji Benjamin
09:15am – 10:15am	Scalp reconstruction <ul style="list-style-type: none"> • Overview of scalp anatomy • Understanding skin lines of the scalp • Newer flap techniques for closing scalp wounds 	Sharad Paul
10:15am – 10:30am	Morning tea	
10:30am – 11:30am	Discussions on challenging surgical cases submitted by delegates	Sharad Paul
11:30am	Conclusion	
Social activity (optional)	Waiheke Trip: Ferry and dinner	

Please note: The program is subject to change.



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Skin Cancer Surgery has gained more interest in recent years as a subspecialty of its own, given it overlaps with many traditional specialties like plastic surgery, dermatology, general practice, general surgery, and otolaryngology. However, with the advent of dermoscopy, and increasing dermatopathology knowledge, we now realise that skin cancer surgery goes beyond merely cutting out skin cancers. It includes the whole gamut of skin imaging for diagnosis, planning surgery, margin control, reconstructive techniques, and adjuvant therapies.

PROGRAM HIGHLIGHTS

- “Tips and techniques” sessions with experienced skin cancer surgeons
- Reconstructive surgery conundrums with international plastic surgeons
- Bleeding disorders and cutaneous manifestations of haematological conditions
- Recent advances in dermatopathology and dermato-oncology
- Dr Sharad's multi-disciplinary work with engineering and biomedical teams in the field of skin cancer surgery and melanoma research

HOST AND KEYNOTE SPEAKER



Dr Sharad Paul

Adjunct Professor,
Auckland University of Technology
Senior Lecturer, Faculty of Surgery,
University of Auckland
Senior Lecturer, Skin Cancer,
The University of Queensland

SPEAKERS INCLUDE



Dr Maryam Sadeghi

MetaOptima
Technology
Canada



Dr Robin Hankin

Computational
Statistician
New Zealand



John Piper

Digital Animation
New Zealand



Dr Simon Clark

Dermatopathologist
Australia



Dr Paul Ockelford

Haematologist
New Zealand



Dr Benji Benjamin

Radiation
Oncologist
New Zealand



Xiyong Huang

PhD student
New Zealand

REGISTRATION FEES

THREE-DAY
MASTERCLASS

\$3,695

ADDITIONAL
GUEST

\$695

The cost includes all learning activities and materials for the masterclass, morning teas, lunches, afternoon teas, and the planned social activities (America's Cup Yacht Sailing and Waiheke trip with ferry and dinner).