NZOA KNEE SOCIETY MEETING

19th & 20th October 2024







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Welcome

Welcome to the Annual New Zealand Knee Society Meeting



19th - 20th October 2024 | The Devon, New Plymouth

It is my great pleasure to welcome you all to this year's New Zealand Knee Society meeting, where colleagues gather to share, learn, and advance our collective knowledge in the care of knee pathology and surgery. We are excited to host this year's event in New Plymouth, dedicated to fostering innovation, collaboration, and excellence in knee care.

The Knee Society meeting is a one-and-a-half-day event with the theme, *"Technological Advances in Knee: What's Next?"* We are honored to welcome Dr. Martin Roche from the USA as our guest speaker. Dr. Roche is an international leader in robotic and sensor-assisted knee surgery, and he will be sharing his expertise on the latest innovations in the field.

This year, we are pleased to feature sessions on the latest advancements in knee arthroplasty, ligament reconstruction, and non-operative management of knee injuries, that are influencing how we approach knee pathology today.

We hope you find this meeting both informative and inspiring, providing a platform for open dialogue, idea exchange, and professional growth among your New Zealand colleagues.

Thank you for your dedication to advancing knee care and for joining us at the New Zealand Knee Society meeting. We look forward to making this gathering a meaningful and memorable experience for everyone involved.

Simon Young



Abstracts

If you have an accepted podium presentation, please ensure to load your presentation on Friday 18th of October between 12 and 5pm in the entrance lounge of the hotel, please follow the signage. If you cannot load your presentation on Friday, then you will need to load it prior to your talk at the AV tech desk before the welcome or during breaks. Note, you will need to bring your presentations on a USB stick for the AV tech. Once you have loaded your presentation, no changes are able to be made.

Catering

All catering will be held in the exhibition hall (Courtney/Watson rooms next to the main plenary room) during the event.

COVID 19

Hand sanitiser will be provided at the registration desk. If you develop COVID symptoms, please stay home or in your hotel and contact the NZOA Events Manager.

CPD Points

NZOA Members can claim 12 points per day of attendance. If you require a certificate of attendance and/or for a presentation of a paper, please contact Nikki post event.

Dietary Requirements

If you have indicated your dietary requirements when you registered, you will be catered for on a dedicated dietary table in the catering areas. You must have indicated you had dietary requirements when registering, or you cannot be catered for.

Food preferences are not considered dietary requirements and have not been catered for.

If you have any issues, please see Nikki or Prue.

Event Support

If you require assistance during the event, please ask Nikki or Prue on the registration desk for support.

Nikki Wright p. 027 2801131 e. nikki@nzoa.org.nz

General Information

Exhibition Hall

The main exhibition and catering areas are in the Courtney/Watson room as on the ground floor of the Devon Hotel. Please follow the signs. All catering will be in the exhibition hall during the event.

Knee Society Dinner

Saturday 19th October Dress: Smart Casual

Dress: Smart Casual

The Knee Society dinner will take place at Ngamotu cafe & golf club. This is a 10 minute drive from the Devon Hotel. Transport will be provided for those who need it from the Devon and The Plymouth Hotel, departing the Plymouth at 6:00pm followed by the Devon at 6:10pm for a 6:30pm dinner. Return buses will be at 9:30pm and 10:30pm from Ngamotu cafe back to both hotels.

Parking

Parking is available at the Devon Hotel at a rate of \$30 per day. Please see reception to secure your car park. There is also off street parking available.

Registration

Please register and collect your name badges and lanyards from the registration desk, open Saturday 19th October from 7:30am.

Wi-Fi

The Wi-Fi password is: bookdirect (all lowercase one word).

NZOA Staff Contact Details:

Nikki Wright Conference & Events Manager e. nikki@nzoa.org.nz p. 027 280 1131

Prue Elwood

Education & Training Manager **e.** prue@nzoa.org **p.** 027 586 4336



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2024 | NZOA KNEE SOCIETY MEETING





7:30AM	Registrations Open
8:30AM	Outline of the Day
	Simon Young
	ARTHROPLASTY - ROBOTS AND ALIGNMENT
8:35AM	Optimising Alignment and Balance across Phenotypes
	in Total Knee Arthroplasty
	Speaker: Martin Roche
	Moderator: Simon Young
8:55AM	Utilising the CPAK System and Navigation for Individualised
	Knee Replacement within FDA Parameters
	Speaker: Julian Stoddart
	Moderator: Ritwick Kejriwal
9:02AM	Tibia First Ligament Guided Technique is Superior to
	Mechanical, Kinematic, and Functional Alignment Strategies
	in Creating a Well-Balanced TKA
	Speaker: Mark Clatworthy
9:09AM	Technology Progression Over 15 Years in a Small Centre -
	Where are the Gains?
	Speaker: Richard Peterson
9:19AM	Discussion
9:29AM	Adjusted Mechanical Alignment Knee Arthroplasty Yields
	Comparable Results to Kinematic Alignment Technique
	Speaker: Kongposh Koul



9:36AM	Functional vs Mechanical Alignment in TKA - Outcomes from the Camelot RCT
9·/30M	Intraoperative Soft Tissue Balance in Robotic Assisted
7.40/101	Total Knop Arthronlasty: Comparison Botycon Eurotional
	Alignment and Mechanical Alignment in Camplet Study
	Speaker: Kohei Kawaguchi
9:50AM	Discussion
10:00AM	MORNING TEA
	ARTHROPLASTY - INFECTION AND COMPLICATIONS
	Moderator: Julian Ballance
10:30AM	Revision Risk in Total Knee Joint Arthroplasty with
	Respect to the Type of Cement Used
	Speaker: Paul Erwin
10:37AM	Auckland Experience of One vs Two Stage Revision
	Speaker: Jacob Munro
10:44AM	Achieving Knee Flexion following Total Knee Replacement:
	Is There a Role for Manipulation Under Anaesthesia?
	Speaker: India Hansen
10:51AM	A Novel Technique for Kinematic Knee Replacement
	Using Robotic Technology
	Speaker: Jay Jefferies
10:58AM	Discussion



11:05AM	One Stage versus Two Stage Treatment for Prosthetic Joint Infection: A Prospective, Randomized Trial Speaker: Thomas K. Fehring Moderator: Simon Young
11:20AM	Challenges in Revision TKA - Case Session
	Moderator: Jacob Munro
	Panel: Richard Petersen, Steve Parkinson, Simon Young, Amir Sandiford
12:00PM	LUNCHTIME
	SPORTS MEDICINE
	Moderator: Mike Rosenfeldt
1:00PM	How I Harvest a Quadriceps Graft
	Speaker: Marc Hirner
1:07PM	Managing Multiligament Knee Inuries in 2024 - Case Session
	Moderator: Mike Rosenfeldt
	Panel: Marc Hirner, Ritwik Kejriwal, Andrew Vincent,
	Andy Stokes
2:00PM	Time off Work and ARTPs in Knee Surgery -
	Working with ACC
	Speaker: Peter Burt
	Moderator: Ian Penny
2:20PM	Discussion
2:30PM	AFTERNOON TEA
	SPORTS MEDICINE
	Moderator: Paul Monk



3:00PM	The Effect Of Intra-articular Autologous Protein Solution On Knee Osteoarthritis Symptoms: A Pilot Parallel, Double- blinded, Placebo-controlled, Randomised Clinical Trial Speaker: Marc Hirner	
3:07PM	Return to Play Testing after ACL Reconstruction Speaker: Emma Lattey	
3:22PM	Discussion	
3:30PM	Can a Ruptured ACL Heal Without Surgery? An Overview of the Latest Evidence Speaker: A/Prof Stephanie Filbay Moderator: Mark Clatworthy	
3:40PM	The Cross Bracing Protocol: Lessons Learnt So Far Speaker: Tom Cross	
3:50PM	Discussion	
4:00PM	The Effect of Fixed Flexion Deformity on Long-term Outcome Following ACL Reconstruction Speaker: Mark Clatworthy	
4:10PM	NZKSS Annual General Meeting	
5:10PM	Close of Meeting	
6:30PM	Knee Society Dinner at Nga Motu Golf Club	
	*Transport available from The Plymouth & The Devon Hotels from 6:00pm. Return Buses at 9:30pm and 10:30pm.	



Sunday 20th October

7:30AM	Registrations Open
8:30AM	Outline of the Day Simon Young
	PARTIAL KNEES AND OSTEOTOMIES Moderator: Richard Keddell
8:32AM	Innovation and Commercialisation in Orthopaedics Speaker: Martin Roche
8:52AM	Biplanar Lateral Opening Wedge Distal Femoral Osteotomy Without Grafting - Technique, Complications and Outcomes Speaker: Andrew Stokes
8:59AM	Accuracy of a Novel Patient-Specific Technique of High Tibial Osteotomy (HTO) Using Finite Element Analysis Pre-Operative Planning Speaker: Scott Bolam
9:06AM	Discussion
9:11AM	Oxford Medial Hemiarthroplasty the Long-term Results Speaker: Tim Lynskey
9:18AM	Oxford Partial Knee Femoral Sizing Via Preoperative MRI Scan – A Novel Template Method Speaker: Brendon Newton
9:25AM	Discussion



Sunday 20th October

9:30AM	Who Should Get a UKA in 2024? Case Session Panel: Martin Roche, Tim Lynskey, Paul Monk, Ritwick Kejriwal Moderator: Rod Maxwell
10:00AM	MORNING TEA
	CASE SESSIONS
10:30AM	QuadSense - New Technology to Balance the
	Patellofemoral Joint in TKA
	Speaker: Mark Clatworthy
10:37AM	Case Discussion Complexities in Primary Knee Arthroplasty -
	Case Session
	Panel: Julian stoddart, Julian Balance, Steve McChesney
	& Pierre Pechon
	Moderator: Mark Clatworthy
11:15AM	Case Discussion Challenges in Knee Sports Surgery -
	Case Session
	Panel: Jeremy Stanley, Ivan Spika, Aaron Cook,
	David Whitehead
	Moderator: Andrew Vincent
12:00PM	CLOSE OF MEETING
12:00PM	Sunday Sports Afternoon



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*Australian Orthopaedic Association National Joint Replacement Registry (AOANJRR). Hip, Knee & Shoulder Arthoplasty: 2020 Annual Report, Adelaide; AOA, 2020: 1-474. [Accessed from: https://aoanjrr.sahmri.com/annual-reports-2020]



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Reference: 1. Bachmaier S, Krych AJ, Smith PA, et al. Primary fixation and cyclic performance of single-stitch all-inside and inside-out meniscal devices for repairing vertical longitudinal meniscal tears. *Am J Sports Med*. 2022;50(10):2705-2713. doi:10.1177/03635465221107086



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Guest Speaker



Dr. Martin Roche

Dr. Martin Roche is an international leader in robotic and sensor-assisted knee surgery.

He specialises in knee arthroplasty – from partial to total knee replacements. He is focused on the integration of patient-specific data to produce the best results.

By utilizing objective, personalized data-driven surgery, he is evolving the art of knee surgery to a proven science.

Dr Roche is a native of Ireland, received his orthopaedic training at the University of Miami, and has been in practice since 1996 in South Florida. As Director of Arthroplasty at HSS Florida, he is committed to expanding exceptional care to his arthritic joint patients in Florida. His goal is to improve patient mobility and enable them to resume an active lifestyle.

Delegates

Name	Surname	City
Julian	Ballance	Nelson Hospital
Peter	Black	Tamahere Orthopaedics
Scott	Bolam	Middlemore Hospital
Matt	Bowman	Middlemore Hospital
David	Brougham	Palmerston North Hospital
Alex	Campbell	North Shore Hospital
Andrew	Campbell	Auckland City Hospital
Will	Caughey	Christchurch Hospital
Mark	Clatworthy	Ascot Hospital
Aaron	Cook	Bay Sports & Orthopaedics
Simon	Crampton	Southern Cross
Haemish	Crawford	Starship Childrens' Hospital
Robert	Elliott	North Shore Hospital
Prue	Elwood	NZOA Education & Training Manager
Russell	Fowler	Southland Hospital
Andrew	Glenny	Taranaki Base Hospital
Tim	Gregg	Wellington Regional Hospital
Mike	Hanlon	Domain Orthopaedics
India	Hansen	Nelson Hospital
Marc	Hirner	Southern Cross Northland Surgical Center
Chris	Hoffman	Wellington Hospital
Prakash	Kana	Southland Hospital
Richard	Keddell	Grace Orthopaedics
Ritwik	Kejriwal	Taranaki Base Hospital
Grant	Kiddle	Wellington Orthopaedic & Sports Surgeons
Kongposh	Koul	Waikato Hospital
Tim	Lynskey	Taranaki Base Hospital
Emma	Lattey	Guest Speaker
Rod	Maxwell	Leinster Orthopaedic Centre

Delegates

Name	Surname	City
Steve	McChesney	Waikato Hospital
Jacob	Munro	Auckland City Hospital
Brendon	Newton	Taranaki Hospital
Stephen	Parkinson	Christchurch Hospital
Pierre	Pechon	Palmerston North Hospital
John	Pennington	Two Taranaki
Andrea	Pettett	NZOA Chief Executive
lan	Penny	Christchurch Hospital
Richard	Peterson	Nelson Hospital
Murali	Reddy	Aorangi Orthopaedic Centre
Martin	Roche	Guest Speaker
Michael	Rosenfeldt	Middlemore Hospital
Amir	Sandiford	Southland Teaching Hospital
Peter	Schneider	Precision Orthopaedics
lvan	Spika	Ascot Hospital
Andi	Stadtmueller	Wanganui Hospital
Jeremy	Stanley	Unisports
Julian	Stoddart	Good Bones Orthopaedics Ltd
Andrew	Stokes	Tauranga Hopspital
Andrew	Vincent	Forte Orthopaedics
David	Whitehead	Forte Orthopaedics
Nikki	Wright	NZOA Conference & Events Manager
Simon	Young	North Shore Hospital