

**A.S.A.P - Advanced Surgical Amputee Programme**  
**ALFRED PLASTIC, HAND &**  
**FACIOMAXILLARY**  
**SURGERY UNIT**

**“FORUM 2019” – 26<sup>th</sup> June 2019**

**Mr Steven Gray**

**Director : A.S.A.P. Programme**

**&**

**Mr Frank Brusino – Raiola**

**Director and Head of Plastic, Hand and Faciomaxillary Surgery**

**Unit - Alfred Health - invite you to attend FORUM 2019 -**

**Osseointegration and Bionic Limb Integrated to Bone, Nerves and Muscles.**

The A.S.A.P Programme team have pioneered this revolutionary technique in Australia which enables amputees to gain better and natural control of their prosthetic arms. They have developed strong links and collaborations with leading technology developers and centres around the world – Dr Max Ortiz Catalán, Chalmers University, Gothenburg, Sweden; Dr Todd Kuiken of The Rehabilitation Institute in Chicago; Prof Rickard Branemark of Sweden / USA, the pioneering developer of the OI OPRA system by Integrum AB Sweden.

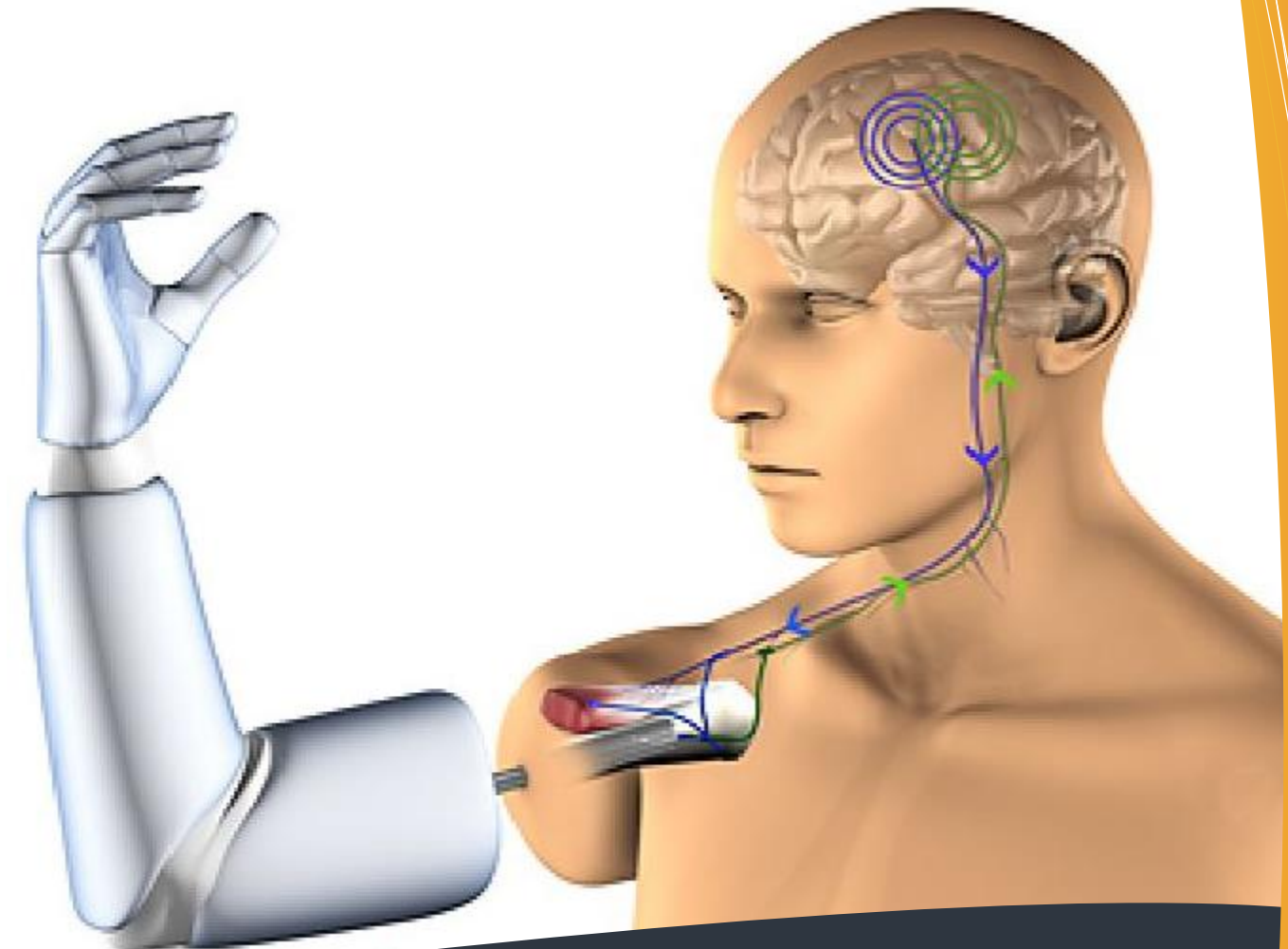
The OPRA system is the only US FDA approved OI system for amputees and has been clinically applied in Sweden & many countries around the world since 1991 and at the Alfred Plastic Surgery Unit since 1995.

**Proudly Supported by**

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**Osseointegration, TMR (Targeted Muscle Reinnervation)  
Lower Limb & Bionic Upper Limb Forum 2019**

**Details:**

- **Date:** Wednesday 26<sup>th</sup> JUNE 2019
- **Time:** 3 PM – 6 PM
- **Venue:** Alfred Research Alliance Lecture Theatre,  
75-85 Commercial Road, (between the Baker & Burnet  
Institutes), Melbourne 3004
- **Enquiries:** [sjgray@alfred.org.au](mailto:sjgray@alfred.org.au)

## KEYNOTE LECTURE

### “BIONIC LIMB”

**MR FRANK BRUSCINO-RAIOLA MBBS FRACS**  
**Director and Head of Plastic, Hand and Faciomaxillary Surgery Unit,**  
**The Alfred Hospital.**

#### **Chair of meeting:**

**Mr Steven Gray - Director: A.S.A.P Programme - Surgical & Rehab programme.**  
**Plastic, Hand & Faciomaxillary Surgery Unit, Alfred Hospital**

#### **Keynote Lecture:**

**Mr Frank Bruscino-Raiola, Director and Head of Plastic, Hand and Faciomaxillary Surgery Unit, Alfred Hospital**

- Upper Limb Loss: The loss of an upper limb is a devastating event that changes a person's life considerably and permanently.
- OI /TMR Surgery: Surgical overview and clinical pathway and assessment of patient.
- Bionic Limb

#### **Additional Presentations from A.S.A.P team members**

- **OT: Ms Abby Huchisson**
- **Prosthetics: Mr David Lee-Gow**
- **Included in this Forum will be patient demonstrations.**

#### **Learning Objectives:**

- Consequence of Upper Limb Amputation; functional potential outcome of OI / TMR
- Understanding the benefits of OI / TMR
- Pre and Post Surgical assessment for upper extremity & upper limb OI / TMR
- Post Surgical prosthetic assessment
- Myoelectric control training: virtual computer
- Prosthetic prescription and functional outcomes
- Introduction to – E-OPRA – Neural control of artificial limbs via a bidirectional osseointegrated interface.
- Use of NeuroMotus device: Software & hardware system used for neuromuscular & pathological pain treatment caused by motor impairment and or amputation.



**OPRA SYSTEM By -**

**Integrum**

<https://integrum.se/>

**OSSEOINTEGRATION SOLUTIONS**

<http://osseointegrationsolutions.com.au/>

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