



# GURS 18

MASTERCLASS  
LONDON 2018

**12<sup>th</sup> Masterclass of GURS/**

**2<sup>nd</sup> Joint Meeting of Adult & Paediatric GUR-Surgeons**

Monday 5<sup>th</sup> - Wednesday 7<sup>th</sup> November 2018

UCLH Education Centre, 250 Euston Road, London

**Boston  
Scientific**

Advancing science for life™

# 12<sup>th</sup> Masterclass of GURS/ 2<sup>nd</sup> Joint Meeting of Adult & Paediatric GUR-Surgeons

*A warm welcome to the 12th GURS-Masterclass, held in association with the British Association of Genitourinary Reconstructive Surgeons (BAGURS) and the Asian Journal of Andrology (AJA) who will publish the academic content of the GURS-Masterclass in a Special Edition!*

*Based on last year's amazing feedback, we will keep the educational format principally the same with emphasis on **Live Surgery** covering urethroplasty techniques, genital reconstruction and prosthetic surgery for urinary incontinence and erectile failure, genital reconstruction and major open reconstructive surgery.*

*We will continue the well received and highly constructive dialogue with our **Paediatric GURS** colleagues, this year focusing on the embryology of Urogenital Sinus/Cloaca, discuss the metabolic and carcinogenic risks of exstrophy and epispadias surgery and the long-term outcome of cystoplasty.*

*Moving into the **Future of GURS**, I'm very pleased to be able to host two New GURS-Sessions!*

*In our **1st Robotic-GURS** session, Expert Robotic GURS-Surgeons will debate this fast-evolving field of Reconstructive Urological Surgery and will demonstrate to the audience what can be done during semi-live video presentations; and the exciting **1st Regenerative-GURS** Session will explore the basics of Regenerative Medicine and the fast developments of Stem Cell Therapies which are regulated as 'Advanced Therapy Medicinal Products (ATMPs). As 'patient-specific medicines' they promise to change the nature of medicine in the near future but require clinical facilities licensed for the procurement of human cells for therapeutic use. The session concludes with the latest news of cutting-edge **Regenerative Medicine** and Research from **Anthony Atala!***

*The entire event will be recorded again and made available on our website:  
[www.GURSMasterclass.com](http://www.GURSMasterclass.com)*

*The networking Canapé reception on the first evening will provide an opportunity to catch up with old friends or find new ones in our growing GURS-Masterclass community who come together once a year in the 1st week of November!*

*I would like to take this opportunity to thank **Boston Scientific** very much for their ongoing support. Without their generous educational grant, the GURS Masterclass simply couldn't happen.*

*Hope to see you in London 1st week November!*

*Daniela Andrich MD MSc FRCS  
Course Organiser*

## **e-Posters**

Delegates are encouraged to submit abstracts of their academic work. The non-moderated posters will stay displayed and archived on the Masterclass website. The 'best Masterclass poster' is rewarded with free admission to next year's GURS Masterclass.

## **Live-Surgery**

A variety of urethroplasty techniques, andrological, paediatric and major reconstructive urological procedures will be demonstrated. Surgery takes place at UCLH Westmoreland Street Hospital and is transmitted via live-link to the state-of-the-art UCLH Education Centre.

## **Semi-Live Video presentations**

Expert moderated semi-live video presentations complement the live-surgery with a wider spectrum of operative procedures and to demonstrate more complex cases.

## **Lectures**

Short focused lectures will provide the academic background and complement the surgical procedures to facilitate interactive discussion.

## **AIM**

To illustrate the importance of aetiology in the decision making of GUR-Surgery by example of live and semi-live surgical procedures, encouraging interactive and interdisciplinary discussions and to provide a platform for GURS surgeons to network and exchange the latest news and research in GUR-Surgery.

# PROGRAMME

## Monday 5<sup>th</sup> November 2018

08:00 - 08:25 Registration  
08:25 - 08:30 Welcome remarks Daniela Andrich

**Lecture** **Historical development of urethroplasty and penile straightening**  
08:30 - 09:00 Historical developments of urethral reconstructive surgery Tony Mundy  
09:00 - 09:30 Historical developments of penile reconstructive surgery Ian Eardley  
09:30 - 09:35 Presentation surgical case 1 + 2 Stacey Frost

**09:35 - 09:50 Refreshment Break**

### Penile Stricture GUR-Surgery

Chairs: Simon Bugeja, Andrew Sinclair, Margit Fisch, Chris Chapple

#### Theatre live-surgery

09:50 - 11:45 One-stage distal hypospadias revision surgery Daniela Andrich

#### Semi-live video session

11:45 - 12:15 1<sup>st</sup> stage proximal penile urethroplasty revision surgery Paul Anderson

**12:15 - 12:45 Lunch**

#### Theatre live-surgery

12:45 - 13:45 2<sup>nd</sup> stage penile urethroplasty Tony Mundy

### Iatrogenic Stricture Management

Chairs: Rowland Rees, Andrew Sinclair, Paul Anderson, Chris Chapple

**Lecture** **Iatrogenic strictures management – a wide spectrum of problems**  
13:45 - 14:15 Review of TURP strictures management Jianwei Wang  
14:15 - 14:45 Which surgical technique for BPH is best for the urethra? Chris Chapple  
14:45 - 14:50 Presentation surgical case 3 Stacey Frost

**14:50 - 15:05 Refreshment Break**

#### Theatre live-surgery

15:05 - 16:00 Perineal urethrostomy Daniela Andrich

#### Panel Semi-live video session

16:00 - 16:15 Urethral dilatation for iatrogenic stricture Simon Bugeja  
16:15 - 16:30 Urethroplasty for iatrogenic stricture Chris Chapple  
16:30 - 16:45 Urethroplasty for iatrogenic stricture Jianwei Wang  
16:45 - 17:00 Urethroplasty for iatrogenic stricture Rowland Rees  
17:00 - 17:30 Panel discussion/Q&A TURP strictures management Tony Mundy

17:30 - 18:00 BAGURS meeting (members only)

**18:00 - 20:00 Delegate drinks reception & canapés for all**

# PROGRAMME

Tuesday 6<sup>th</sup> November 2018

## Paediatric GUR-Surgery

Chairs: Philip Ransley, David Thomas, Margit Fisch, Christopher Woodhouse

## Urogenital Sinus/Cloaca

08:00 - 08:30 Embryology of urogenital sinus/cloaca David Thomas

## Long-term outcome GUR-Surgery

09:00 - 09:30 Metabolic/cancer sequelae exstrophy/epispadias surgery Philip Ransley

09:30 - 10:00 Long-term outcome cystoplasty/AUS surgery Tony Mundy

**10:00 - 10:15 Refreshment Break**

## Theatre live-surgery

10:15 - 13:15 (Lecture Room C) - *Title to be confirmed* Peter Cuckow

**Q&A Discussion** Moderator: Christopher Woodhouse

## Regenerative GUR-Surgery

Chairs: Daniela Andrich, Rowland Rees, Chris Chapple

10:15 - 10:45 Literature overview: stem cells for genito-urethral reconstruction Chris Chapple

10:45 - 11:15 Stem cell basic science: omental derived regenerative cells and fast setting gels to prevent anastomotic leaks David Jayne

11:15 - 11:45 The 2001 Medicine Directive and the Advanced Therapy Medicinal Product Regulation: Relevance to Stem Cell Trials in Genitourinary Reconstructive Surgery Mark Lowdell

11:45 - 12:15 Advances in Regenerative Medicine for solid organ/ bladder replacement (video-link) Anthony Atala

**12:15 - 13:30 Lunch**

## Major Open GUR-Surgery

Chairs: Philip Ransley, David Thomas, Margit Fisch, Mike Coburn

13:30 - 13:35 Presentation surgical case 4 Stacey Frost

## Theatre live-surgery

13:35 - 18:00 Bowel segment utilisation for GURT-reconstruction with omental flap interposition Tony Mundy

**19:00 Faculty dinner**

# PROGRAMME

## Wednesday 7<sup>th</sup> November 2018

### Prosthetic Incontinence GUR-Surgery

Chairs: Simon Bugeja, Culley Carson, Trevor Dorkin, Mike Coburn

#### Lecture

08:00 - 08:30	Innovation of the AMS800 – what's in the box?	Culley Carson
08:30 - 09:00	Update on urogenital trauma management	Mike Coburn
09:00 - 09:10	Presentation surgical case 5 & 6	Stacey Frost

#### 09:10 - 09:25 Refreshment Break

#### Semi-live video session

09:25 - 09:55	Bladder neck artificial sphincter (AMS 800)	Tony Mundy
---------------	---	------------

#### Theatre live-surgery

09:55 - 10:55	Implantation of bulbar artificial sphincter (AMS 800)	Daniela Andrich
---------------	---	-----------------

#### Semi-live video session

10:55 - 11:15	Replacement/explant of bulbar AUS (AMS800)	Tony Mundy
---------------	--	------------

#### Theatre live-surgery

11:15 - 11:45	Implantation of male sling	Daniela Andrich
---------------	----------------------------	-----------------

#### 11:45 - 12:30 Lunch

### ROOM A: Andrological GUR-Surgery & Prosthetics for Erectile Failure

Chairs: Culley Carson, Gideon Blecher, Rowland Rees, Ian Eardley

12:30 - 12:40	Presentation surgical case 7 & 8	Stacey Frost
---------------	----------------------------------	--------------

#### Theatre live-surgery

12:40 - 14:10	Implantation of inflatable penile prosthesis (AMS)	David Ralph
---------------	--	-------------

#### Semi-live video session

14:10 - 14:30	Surgery for scrotal lymphoedema	Gideon Blecher
---------------	---------------------------------	----------------

#### Theatre live-surgery

14:30 - 16:10	Split skin grafting technique for genital reconstruction	David Ralph
---------------	--	-------------

16:10 Meeting close

### ROOM B: Robotic GUR-Surgery

Chairs: Hubert John, Christopher Eden, John Kelly, Lee Zhao

#### Lecture & Semi-live video session

12:30 - 13:00	Retzius sparing robotic prostatectomy (RS-RARP)	Christopher Eden
---------------	---	------------------

13:00 - 13:30	Ureteral reimplantation/pyeloplasty	Darko Kröpfl
---------------	-------------------------------------	--------------

13:30 - 14:00	YV-bladder neck reconstruction	Lee Zhao
---------------	--------------------------------	----------

14:00 - 14:30	Cystectomy + intracorporeal orthotopic neobladder	Hubert John
---------------	---	-------------

14:30 - 15:00	Cystectomy + extracorporeal urinary diversion	John Kelly
---------------	---	------------

#### Roundtable discussion

15:00 - 16:00	Transition to robotic GUR-Surgery: question of time? Moderators: Dan Wood, Daniela Andrich, Tony Mundy Panelists: John Kelly, Christopher Eden, Darko Kröpfl, Hubert John, Lee Zhao	
---------------	---	--

# FACULTY

## Clinical Director



Daniela Andrich  
UCLH NHS Foundation Trust  
London, UK

## Invited Faculty



Paul Anderson  
West Midlands Hospital West  
Midlands, UK



Anthony Atala  
Wake Forest Institute for  
Regenerative Medicine, USA



Gideon Blecher  
UCLH NHS Foundation Trust  
London, UK



Simon Bugeja  
St Luke's Hospital San Luka,  
Pieta, Malta



Culley Carson  
University of North Carolina  
North Carolina, USA



Christopher Chapple  
Sheffield Hallam, UK



Mike Coburn  
Huston, Texas, USA



Peter Cuckow  
Great Ormond Street Hospital,  
UK

# FACULTY



Trevor Dorkin  
Freeman Hospital Newcastle,  
UK



Ian Eardley  
Leeds Teaching Hospitals NHS  
Trust, UK



Christopher Eden  
Royal Surrey Country Hospital,  
UK



Margit Fisch  
University of Hamburg  
Hamburg, Germany



Stacey Frost  
UCLH NHS Foundation Trust  
London, UK



David Jayne  
Leeds Teaching Hospitals NHS  
Trust, UK



Hubert John  
Kantonspital Winterthur,  
Switzerland



John Kelly  
UCLH NHS Foundation Trust  
London, UK



Darko Kröpfl  
Kliniken Essen, Germany



Mark Lowdell  
Royal Free University and UCL,  
London, UK



Tony Mundy  
UCLH NHS Foundation Trust  
London, UK



David Ralph  
UCLH NHS Foundation Trust  
London, UK

# FACULTY



Philip Ransley  
Sindh Institute of Urology  
and Transplantation, Karachi,  
Pakistan



Rowland Rees  
University Hospital  
Southampton NHS Foundation  
Trust Southampton, UK



Andrew Sinclair  
Stepping Hill Hospital  
Stockport, UK



David Thomas  
Leeds Teaching Hospitals NHS  
Trust, UK



Jianwei Wang  
Jishuitan Hospital, Beijing,  
China



Dan Wood  
UCLH NHS Foundation Trust  
London, UK



Christopher Woodhouse  
UCLH NHS Foundation Trust  
London, UK



Lee Zhao  
NYU Langone Health, New  
York , US

# GURS

MASTERCLASS

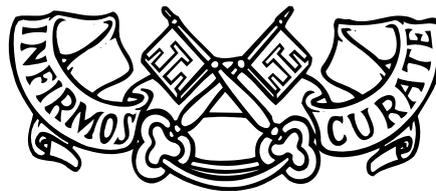
LONDON 2018



## Boston Scientific

Advancing science for life™

This course was enabled by an educational grant from Boston Scientific



Institute of Urology

University College London Hospitals   
NHS Foundation Trust

In collaboration with:



**Asian Journal of Andrology**

Thanks to:

Kelly Higgs, the Clinical and Theatre Staff members and our Patients  
The Stock Answer and Talking Slides  
Millbrook Medical Conferences Ltd