

12th GURS- Masterclass

1st Regenerative-GURS / 1st Robotic-GURS / 2nd joint-meeting of Adult & Paediatric GUR-Surgeons

Monday 5th November – Wednesday 7th November 2018

UCLH Education Centre, 250 Euston Road, London

A warm Welcome to the 12th GURS-Masterclass!

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 surgical techniques showing (if possible) bowel segment utilisation for urinary tract reconstruction with omental flap interposition.

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 hosts 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.

In our exiting **1st Regenerative-GURS** Session, we will hear about the fast development of Stem Cell Therapies from the laboratory of Universities, to pragmatic clinical application studies, and to the latest commercially available Regenerative Cell procurement systems. We will share our humble translational clinical research efforts with the audience but will be stunned to hear the latest news of cutting-edge **Regenerative Medicine and Research** by **Anthony Atala!**

The entire event will be recorded again and made available on our website 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

CONTENT

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.

Monday 5th November

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

Penile Stricture GUR-Surgery

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

09.35 – 11.30	Theatre Live-surgery One-stage distal Hypospadias revision surgery	Daniela Andrich
11.30 – 12.00	Semi-live video session 1 st stage proximal Penile Urethroplasty revision surgery	Paul Anderson
12.00-12.30	Lunch	
12.30 – 13.30	Theatre Live-surgery 2 nd 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	
13.30 – 14.00	Review of TURP strictures management	Jianwei Wang
14.00 – 14.30	Which surgical technique for BPH is best for the urethra?	Chris Chapple
14.30 – 14.35	Presentation Surgical Case 3	Stacey Frost
14.35 – 15.30	Theatre Live-surgery perineal urethrostomy	Daniela Andrich
15.30 – 15.45	Panel semi-live video session Urethral Dilatation for iatrogenic stricture	Simon Bugeja
15.45 – 16.00	Panel semi-live video session Urethroplasty for iatrogenic stricture	Chris Chapple
16.00 – 16.15	Panel semi-live video session Urethroplasty for iatrogenic stricture	Jianwei Wang
16.15 – 16.30	Panel semi-live video session Urethroplasty for iatrogenic stricture	Rowland Rees
16.30 – 17.00	Panel Discussion / Q&A TURP Stricture management	Tony Mundy
17.00 – 17.30	BAGURS meeting (members only)	
17.30 – 20.00	Delegate Drinks Reception & Canapés for all	

Tuesday 6th November

Paediatric GUR-Surgery

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

Urogenital Sinus/Cloaca

08.00 – 08.30 Embryology of Urogenital Sinus/Cloaca David Thomas

8.30 – 10.30 Theatre Live-surgery TBC Peter Cuckow

8.45 – 9.00 Q&A Discussion Moderator – Christopher Woodhouse

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 – 10.30 Q&A Discussion Moderators – Christopher Woodhouse

Regenerative GUR-Surgery

Chair: Daniela Andrich, Justin Chee, Rowland Rees, Chris Chapple

10.30 – 10.50 Literature Overview: Stem Cells for Genito-Urethral Reconstruction Chris Chapple

10.50 – 11.10 Stem Cell Basic Science Project: Title TBC Richard Day

11.10 – 11.30 Stem Cell Basic Science Project: Title TBC David Jayne

11.30 – 11.45 Clinical Project: Melbourne technique of mechanically dissolved fat tissue injection into bulbar strictures after urethrotomy: early experience and clinical outcomes Justin Chee

11.45 – 12.00 Clinical Project: CURE / Cell injection for Urethral stricture Regeneration – Cytore (ADRC) Evaluation. Update of clinical trial progress Daniela Andrich

12.00-12.30 Advances in Regenerative Medicine for solid organ/bladder replacement (live-link) Anthony Atala

12.30-13.30 Lunch

Major Open GUR-Surgery

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

13.25 – 13.30 Presentation Surgical Case 4 Stacey Frost

13.30 – 18.00 Theatre Live-surgery
bowel segment utilisation for GURT-reconstruction with omental flap interposition
Tony Mundy

19.00 Faculty dinner

Wednesday 7th November 2018

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

Prosthetic Incontinence GUR-Surgery

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

09.10 – 09.40	semi-live video session – Bladder Neck Artificial Sphincter (AMS 800) Presenter: Tony Mundy	
09.40 – 10.40	Theatre Live-surgery Implantation of bulbar artificial sphincter (AMS 800)	Daniela Andrich
10.40 – 11.00	semi-live video session – Replacement/Explant of bulbar AUS (AMS800) Presenter: Tony Mundy	
11.00 – 11.30	Theatre Live-surgery Implantation of male sling	Daniela Andrich
11.30-12.20	Lunch	

Andrological GUR-Surgery & Prosthetics for Erectile Failure (Room A)

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

12.20 – 12.30	Presentation Surgical Case 7&8	Stacey Frost
12.30 – 14.00	Theatre Live-surgery Implantation of inflatable penile prosthesis (AMS)	David Ralph
14.00 – 14.20	semi-live video session – Surgery for scrotal lymphoedema Presenter: Gideon Blecher	
14.20 – 16.00	Theatre Live-surgery Split Skin grafting technique for genital reconstruction	David Ralph
16.00	Meeting close	

Robotic GUR-Surgery (Room B)

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

12.30 – 13.00 **semi-live video session – Retzius sparing Robotic Prostatectomy (RS-RARP)**

Presenter: Christopher Eden

13.00 – 13.30 **semi-live video session – Ureteral Reimplantation /Pyeloplasty**

Presenter: Darko Kröpfl

13.30 – 14.00 **semi-live video session – YV-bladder neck reconstruction**

Presenter: Lee Zhao

14.00 – 14.30 **semi-live video session – cystectomy + intracorporeal orthotopic neobladder**

Presenter: Hubert John

14.30 – 15.00 **semi-live video session – cystectomy + extracorporeal urinary diversion**

Presenter: John Kelly

15.00-16.00 **Roundtable discussion:** 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

16.00 Meeting close

Invited Faculty

Daniela Andrich, Organiser	UCLH NHS Foundation Trust London, UK
Anthony Atala	Wake Forest Institute for Regenerative Medicine, USA
Paul Anderson	West Midlands Hospital West Midlands, UK
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
Justin Chee	Melbourne, Australia
Mike Coburn	Huston, Texas, USA
Peter Cuckow	Great Ormond Street, UK
Richard Day	University College London, UK
Trevor Dorkin	Freeman Hospital Newcastle, UK
Ian Eardley	Leeds, UK
Christopher Eden	Royal Surrey Country Hospital, UK
Margit Fisch	University of Hamburg Hamburg, Germany
David Jayne	Leeds, UK
Hubert John	Kantonspital Winterthur, Switzerland
John Kelly	UCLH NHS Foundation Trust London, UK
Darko Kröpfel	Kliniken Essen, Germany
Tony Mundy	UCLH NHS Foundation Trust London, UK
David Ralph	UCLH NHS Foundation Trust London, UK
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, 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