Deep learning computer vision algorithm for detecting kidney stone composition: Towards an automated future

By: Black K.M. 1, Law H. 2, Aldoukhi A.H. 1, Roberts W.W. 1, Deng J. 2, Ghani K.R. 1
1University of Michigan, Dept. of Urology, Ann Arbor, United States of America, 2Princeton University, Dept. of Computer Science, Princeton, United States of America

Aims and objectives of this presentation

How to choose the therapy you need when you find it difficult to read?

By: Schlatmann F.W.M., Van Balken M.R.
Rijnstate Hospital, Dept. of Urology, Arnhem, The Netherlands

Aims and objectives of this presentation

Impact of health literacy on decision-making for prostate-specific antigen screening in the United States

By: Nguyen D-D. 1, Trinh Q-D. 1, Tully K. 1, Krimphove M.J. 1, Nguyen P. 2, Sammon J. 3
1Brigham and Women's Hospital, Harvard Medical School, Division of Urologic Surgery and Center for Surgery and Public Health, Boston, Massachusetts, United States of America, 2Brigham and Women's Hospital, Harvard Medical School, Dept. of Radiation Oncology, Boston, Massachusetts, United States of America, 3Maine Medical Center, Division of Urology and Center for Outcomes Research and Evaluation, Portland, Maine, United States of America

Aims and objectives of this presentation
Social media coverage of scientific articles immediately after publication predicts subsequent citations: #SoMe_Impact Score

By: Sathianathen N. 1, Lane R. 1, Murphy D.G. 2, Loeb S. 3, Bakker C. 1, Lamb A.D. 4, Weight C.J. 1
1University of Minnesota, Dept. of Urology, Minneapolis, United States of America, 2Peter MacCallum Cancer Centre, Dept. of Surgical Oncology, Melbourne, Australia, 3New York University, Dept. of Urology, New York, United States of America, 4University of Oxford, Nuffield Dept. of Surgical Sciences, Oxford, United Kingdom

Aims and objectives of this presentation

Worldwide public interest over time in minimally invasive surgery: Evidence from “big data” trends analysis

By: Cacciamani G.E. 1, Gill I. 1, Tafuri A. 1, Sebben M. 2, Artibani W. 2
1University of Southern California, USC Institute of Urology, Los Angeles, United States of America, 2University of Verona, Dept. of Urology, Verona, Italy

Aims and objectives of this presentation

Prostate Cancer Canada electronic-library for Improved Function (eLIFT): The construction of the platform and initial analysis for patients’ satisfaction

By: Hetou K. 1, Tangen-Steffins K. 2, Nair S. 1, Siddiqui K. 1, Chan G. 1, Leong H. 1, Leong N. 2, Goulart J. 2, Chin J.L. 1
1University of Western Ontario, Dept. of Urology, London, Canada, 2BC Cancer, Victoria Centre, Dept. of Radiation Oncology, Victoria, Canada

Aims and objectives of this presentation

Systematic review on digital dissemination strategies for clinical practice guidelines and the @Uroweb #eauguidelines experience

By: Borgmann H. 1, Roupret M. 2, Loeb S. 3, Van Oort I. 4, N'dow J. 5, Esperto F. 6, Pradere B. 7, Czarniecki S. 8, Giannarini G. 9, Ribal M.J. 10
1University Medicine Johannes Gutenberg-University Mainz, Dept. of Urology, Mainz, Germany, 2La Pité-Salpêtrière Hospital, Assistance-Publique Hôpitaux de Paris, Academic Dept. of Urology, Paris, France, 3New York University, New York, NY, USA; Manhattan Veterans Affairs Medical Center, Dept. of Urology and Population Health, New York, United States of America, 4Radboud University Medical Center, Dept. of Urology, Nijmegen, The Netherlands, 5University of Aberdeen, Academic Urology Unit, Aberdeen, United Kingdom, 6Ospedale Sant’Andrea, University La Sapienza, Dept. of Urology, Rome, Italy, 7Rennes University Hospital, Dept. of Urology, Rennes, France, 8Independent Public Specialist John Paul II Western Hospital, Grodzisk Mazowiecki, Dept. of Urology, Warsaw, Poland, 9Academic Medical Centre, Urology Unit, Udine, Italy,
Aims and objectives of this presentation

**635**

**An interactive application for hospitalized patients providing real-time feedback to caregivers**

By: Nativ O., Abbadi S., Hassadieh B., Zisman A., Amiel G.
Rambam Health Center, Dept. of Urology, Haifa, Israel

Aims and objectives of this presentation

**636**

**Informed consent (IC), randomized controlled trial digital vs conventional IC**

By: Galve La Hoz V.¹, Rioja J.², Salas E.¹, Enguita L.¹, Sanz Del Pozo M.¹, Corbatón D.¹, Gareta C.¹, Ezquerro S.¹, Muñoz M.¹, Cabañuez T.¹, Gil P.¹, Gil M.J.¹

¹University Hospital Miguel Servet, Dept. of Urology, Zaragoza, Spain, ²University Clinic Hospital, Dept. of Urology, Zaragoza, Spain

Aims and objectives of this presentation

**637**

**The view of patients and urologists on an online decision aid for patients with non-metastatic prostate cancer: A nationwide project with over 6,000 users in two years**

By: Huber J.¹, Valdix J.¹, Karschuck P.¹, Ihrig A.², Hölscher T.³, Krones T.⁴, Kessler E.⁵, Kliesch S.⁶, Wülfing C.⁷, Thomas C.¹, Groeben C.¹

¹TU Dresden, Dept. of Urology, Dresden, Germany, ²University of Heidelberg, Dept. of General Internal Medicine and Psychosomatic, Heidelberg, Germany, ³TU Dresden, Dept. of Radiation Oncology, Dresden, Germany, ⁴University of Zurich, Dept. of Clinical Ethics, Zurich, Switzerland, ⁵ASD Concepts GmbH&Co. KG, CEO, Reinheim, Germany, ⁶University of Muenster, Centre of Andrology and Reproductive Medicine, Muenster, Germany, ⁷Asklepios Hospital Altona, Dept. of Urology, Hamburg, Germany

Aims and objectives of this presentation

**638**

**A smartphone-based mobile health app to address the adverse effects of androgen deprivation therapy in men with prostate cancer**

By: Cole A.P.¹, Pucheril D.T.¹, Sun M.², Fletcher S.A.¹, Berry D.L.³, Nguyen P.L.⁴, Sweeney C.², Menon M.⁵, Kibel A.S.¹, Trinh Q.-D.¹

¹Brigham and Women’s Hospital, Harvard Medical School, Division of Urologic Surgery and Center for Surgery and Public Health, Boston, United States of America, ²Dana Farber Cancer Institute, Harvard Medical School, Lank Center for Genitourinary Oncology, Boston, United States of America, ³Dana Farber Cancer Institute, Harvard Medical School
School, Phyllis F Cantor Center for Research in Nursing and Patient Care Services, Boston, United States of America, Brigham and Women’s Hospital, Harvard Medical School, Dept. of Radiation Oncology, Boston, United States of America, Vatikutti Urology Institute, Henry Ford Health System, Detroit, United States of America

Aims and objectives of this presentation
639

640 Deep learning model to predict urinary continence after robot-assisted radical prostatectomy

1 Keck School of Medicine, University of Southern California, USC Institute of Urology, Center for Robotic Simulation & Education, Los Angeles, United States of America, 2 Peking University, School of Electronics Engineering and Computer Science, Beijing, China, 3 University of Maryland, Dept. of Information Systems, Baltimore, United States of America, 4 Viterbi School of Engineering, University of Southern California, Computer Science Department, Los Angeles, United States of America

Aims and objectives of this presentation
640

641 Implementation of a ureteric colic phone consult clinic reduces unnecessary outpatient urology consults

By: Lu J., Ong C.S.H., Tan L.
National University Hospital, Dept. of Urology, Singapore, Singapore

Aims and objectives of this presentation
641

15:19 - 15:25 State-of-the-art lecture Social media in urology; fake news or reality?
P. Dasgupta, London (GB)

15:25 - 15:30 Summary
P. Dasgupta, London (GB)