6th International Symposium on Focal Therapy and Imaging in Prostate & Kidney Cancer
GRAND HOTEL HUIS TER DUIN, NOORDWIJK
AMSTERDAM THE NETHERLANDS
29/31.05.2013

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Patricia Zondervan
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Hashim Uddin Ahmed
(United Kingdom)

Chris Bangma (The Netherlands)
Jelle Barentsz (The Netherlands)
Eric Barret (France)
Maurizio Brausi (Italy)
Sebastian Crouzet (France)
Martijn De Bruin (The Netherlands)
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Theo De Reijke (The Netherlands)
Bob Djavan (Austria)
Scott Eggener (USA)
John Fitzpatrick (Ireland)
Jurgen Futterer (The Netherlands)
Inderbir Gill (USA)

Paolo Gontero (Italy)
Jase Stephen Jones (USA)
Steven Joniau (Belgium)
Fernando Kim (USA)
Alex Kirkham (United Kingdom)
György Kovács (Germany)
Pilar Laguna (The Netherlands)
Massimo Mischl (The Netherlands)
Berrend Muller (The Netherlands)
Sasha Pahernik (Germany)
Peter Pinto (USA)
Thomas Polascik (USA)
Jens Rassweiler (Germany)
Ardeshir (Art) Rastinehad (USA)
Georg Salomon (Germany)
Rafael Sanchez-Salas (France)

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Arnauld Villers (France)
Andre Vis (The Netherlands)
Jochen Walz (France)
John Ward (USA)
Hessel Wijkstra (The Netherlands)
Patricia Zondervan (The Netherlands)
CONSENSUS MEETING I: IMAGING FOR FOCAL THERAPY – TREATMENT GUIDANCE AND FOLLOW UP
Chairperson: Michael Marberger

CONSENSUS MEETING II: FOCAL THERAPY TRIAL DESIGN FOR PCa
Chairperson: Peter Scardino

POSTER SESSION I: PROSTATE DIAGNOSIS
Moderators: Jelle Barentsz, John Fitzpatrick

Lecture I: MRI and Focal therapy
Jelle Barentsz

Lecture II: Biopsy strategies for Focal Therapy
John Fitzpatrick

PP-01: Can optical biopsies accurately diagnose prostate cancer? First-in-human clinical trial data
D.E. Crawford, E.E. Jasion, Y. Liu, J.W. Daily, R.S. Nash, P.N. Werahera, A. Tehrani (USA)

PP-02: Morphological assessment of anterior lesions on prostate MP-MRI
A. El-Shater Bosaily, H. Ahmed, M. Emberton, C. Allen, M. Arya, S. Punwani, A. Freeman, A. Kirkham (United Kingdom)

PP-03: Repeat prostate biopsy after initial benign standard biopsies - Comparison of 3 advanced techniques; MRI/TRUS fusion transperineal, transperineal sector, extensive transrectal prostate biopsies (MD Anderson protocol)
T. Kuru, V. Popeneciu, A. Cantiani, M. Roethke, B. Hadaschik, K. Kastner, S. Pahernik (Germany)

PP-04: Relationship between intra-operative prostatic swelling during HIFU and unsuccessful ablation assessed by contrast MRI and biopsy: Implication for focal HIFU therapy

PP-05: Improved prostate cancer localization with DCE-MRI dispersion imaging
S. Turco, K. Kompatsiari, J.J. de la Rosette, H. Wijkstra, M. Mischi (The Netherlands)

PP-06: Initial experience of 2nd look biopsy in patients on surveillance for positive and/or suspicious for cancer in the 1st look biopsy using image-based 3D mapping biopsy technology

PP-07: Prostate histoscanning as a tool for decision making

PP-08: Comparison of diagnostic performance between magnetic resonance imaging guided prostate biopsy and systematic 14-core biopsy including anterior samplings
PP-09: How accurate is multiparametric Magnetic Resonance Imaging in evaluating prostate cancer volume?
F. Bratan, C. Melodelima, R. Souchon, F. Mège-Lechevallier, O. Rouvière (France)

PP-10: Detection of prostate cancer by contrast-ultrasound dispersion imaging
M. Kuenen, T. Saidov, C. Heneweer, H. Wijkstra, J. de la Rosette, M. Mischi
(Germany, The Netherlands)

PP-11: Complications following prostate biopsy
S. Iyer, H. Rai, S. Uptsdell (United Kingdom)

PP-12: Ultrasound-histology registration for validation of prostate cancer imaging techniques
S.G. Schalk, M. Mischi, T.A. Saidov, M. Smeenage, J.J.C.M.H. de la Rosette, H. Wijkstra
(The Netherlands)

PP-13: Rigid and non-rigid prostate image registration of ARFI and MRI image volumes to whole-mount histology
T. Polascik, E. Kulbacki, J. Madden, K. Nightingale, S. Lipman, M. Palmeri, S. Rosenzweig, K. Garcia-Reyes, C. Kauffman, R. Gupta, A. Lark, A. Buck (USA)

PP-14: Anterior prostate cancer: Gleason score based on MRI/TRUS elastic image fusion guided prostate biopsy vs prostatectomy
E. Baco, E. Rud, L. Vlatkovic, A. Svindland, H. B. Eggensbo (Norway)

PP-15: WITHDRAWN

PP-16: Value of targeted prostate biopsy using MRI-3DTRUS fusion for first round biopsy in men with normal DRE and PSA <20ng/ml
P. Mozer, P. Conort, E. Comperat, G. Coffin, R. Renard-Penna (France)

PP-17: Detection of radiorecurrent prostate cancer using diffusion weighted MRI and targeted biopsies
E. Rud, E. Baco, D. Klotz, D. Lien, H.B. Eggensbo (Norway)

PP-18: Preliminary results from an ex-vivo optical coherence tomography of the human prostate after radical prostatectomy
B.G. Muller, W. van den Bos, D.M. de Bruin, M.J. Brandt, D.J. Faber, M. van de Vijver, M.P. Laguna-Pes, T.G. van Leeuwen, J.J.M.C.H. de la Rosette (The Netherlands)

PP-19: Selection of candidates for focal therapy of prostate cancer in unscreened population
A. Govorov, A. Vasyliov, M. Kovylina, E. Pritepskaya, T. Moiseenko, D. Pushkar (Russia)

PP-20: Repeat biopsy of prior positive sites in men on active surveillance for prostate cancer
S. Natarajan, G.A. Sonn, E. Chang, D.J. Margolis, M. Macairan, P. Lieu, J. Huang, F.J. Dorey, R.E. Reiter, L.S. Marks (USA)

PP-21: A prospective comparative study of Histoscanning™ and multiparametric 3Tesla MRI for the prediction of cancer foci in men undergoing radical prostatectomy
C. Orczyk, A.B. Rosenkrantz, J. Melamed, F.-M. Deng, J. Wysok, S.S. Taneja (France, USA)

PP-22: Small-volume unilateral prostate cancer estimation results (SUPER) score to aid candidate selection for focal therapy: Development and validation

PP-22a: The Smart-Bx™ – Initial experience with a semi-automated prostate biopsy core download system
M. Cohen, A. Shefler, S. Patsiansky, K. Shapira-Schweitzer, O. Nativ, J. Bejar (Israel)
13:30-17:00 POSTER SESSION II: PROSTATE TREATMENT
Moderators: Jens Rassweiler, Rafael Sanchez-Salas

Lecture III: How to choose the right energy for the right patient
Jens Rassweiler

Lecture IV: Novel therapies for focal therapy
Rafael Sanchez-Salas

PP-23: Start of salvage treatment for persistent positive biopsies after HIFU
R. Sanchez-Salas, D. Prapotnich, F. Secin, E. Barret, F. Rozet, M. Galiano, A. Mombet, N. Cathala, X. Cathelineau (France, Argentina)

S. Ghai, U. Lindner, T. van der Kwast, E. Hlasney, P. Spensieri, S. McCluskey, M. Haider, W. Kucharczyk, J. Trachtenberg (Canada)

PP-25: Nerve sparing HIFU as primary “focalized” treatment for localized prostate cancer: A single center study of 295 men with 7 years of follow up
C. D’Hont, P. Van Erps, M. Sorber, J. Cortvriend, T. Debacker (Belgium)

PP-26: Quadrant-ablation focal therapy of prostate cancer: Candidate selection through a combination of extended biopsy and MRI

PP-28: Hemi-gland brachytherapy for unilateral prostate cancer

PP-29: MR-guided focal cryoablation of recurrent prostate cancer: How we do it


PP-31: MR-guided focal cryoablation of prostate cancer recurrence following radiotherapy: Short term follow-up

PP-32: Salvage regional low-dose-rate brachytherapy for local recurrence of prostate cancer after definitive radiotherapy
H. Sasaki, M. Kido, K. Miki, H. Takahashi, M. Aoki, S. Egawa (Japan)

PP-33: Irreversible electroporation in the focal treatment of prostate cancer: Initial results
M. Valerio*, L. Dickinson*, H.U. Ahmed, A. Smith, C. Allen, M. Emberton (United Kingdom)
*Joint first authors

PP-34: Development of a novel robot for prostate focal therapy and brachytherapy
**PP-35:** MRI-guided focal laser ablation of prostate cancer using a mechatronic needle guidance system: Experience in seven patients  

**PP-36:** Salvage HIFU therapy in 5 patients after radical prostatectomy with biopsy confirmed local recurrence  
O. Apolikhin, A. Sivkov, N. Keshishev, G. Kovchenko, A. Tsyo (Russia)

**PP-37:** Tolerance and efficacy of High Intensity Focused Ultrasound (HIFU) focal therapy as primary treatment for localized prostatic carcinoma: Preliminary results  
P. Conort, R. Renard-Penna, E. Comperat, S. Charlon, P. Mozer (France)

**PP-38:** Precision-targeted dynamic prostate low dose rate brachytherapy  
B. Taylor, R. Popert, M. McGovern, S. Morris (United Kingdom)

**PP-39:** Denonvillier’s space expansion by hydrogel injection for thermal protection of rectal wall during prostate cryoablation to facilitate extensive freezing beyond the posterior prostatic surface: Cadaver study  

**PP-40:** Bilateral focal ablation of prostate tissue using low energy direct current (LEDC): A preclinical canine study  
M. Tsivian, T.J. Polascik (USA)

**PP-41:** Hemi salvage HIFU in unilateral radio-recurrent prostate cancer: A prospective two-centre study  
E. Baco, S. Crouzet, E. Rud, O. Rouvière, H. Tonoli-Catez, J.-Y. Chapelon, V. Berge, A. Gelet (Norway, France)

**PP-42:** Guidance software for MR-guided focal laser thermal therapy of prostate cancer  

**POSTER SESSION III: RENAL IMAGING AND TREATMENT**

Moderators: Martijn de Bruin, Patricia Zondervan

Lecture V: **Optical Coherence Tomography**  
Martijn de Bruin

Lecture VI: **Standardization in treatment selection: Focal therapy or partial nephrectomy**  
Patricia Zondervan

**PP-43:** Predictors of ablative success of RFA for small renal masses  
T. Tailly, T. Van den Broeck, S. Joniau (Belgium)

**PP-44:** Oncological and functional results of RFA for small renal masses in solitary kidneys. A single-center experience of 35 ablations in 29 patients  
T. Van den Broeck, T. Tailly, S. Joniau (Belgium)

**PP-45:** Ablation of small renal masses with microwave AMICA-probe. Results of a prospective multicenter phase I-II study  
P. Gontero, G. Berta, S. Giona, T. Cai, B. Frea, G. Carmignani, R. Bartoletti (Italy)
PP-46: MR imaging-guided percutaneous cryotherapy of renal tumors. Our initial experience in 10 patients
V. Argyropoulos, E. Chatzidarellis, J. Papazoglou, A. Karelis, E. Konstantakis, A. Kostakopoulos (Greece)

PP-47: Radiation exposure associated with dedicated renal mass computer tomography protocol: Impact of patient characteristics

PP-48: Long-term outcomes of MRI-guided percutaneous cryoablation for Japanese patients with small renal tumors
I. Hiroyuki, S. Hiroshi, M. Kenta, K. Koichi, E. Shin (Japan)

PP-49: Radiofrequency ablation of renal tumors. Minimally invasive alternative treatment

PP-50: The comparative analysis of the changing immune response after laparoscopic radiofrequency ablation and resection of renal cancer
S. Petrov, A. Nosov, E. Samarceva, I. Baldueva (Russia)

PP-51: Kidney cancer treated by radiosurgery
A. Lederman, B. Gilson, G. Qian, L. Cangiane, E. Dimino (USA)

PP-52: A multicenter evaluation of long-term oncological outcome of radiofrequency of kidney tumors
M. Salagierski, L. Goeman, W. Marchand, T. Thailly, T. Van den Broeck, I. Garetto, A. Veltri, S. Joniau (Poland, Belgium, Italy)

PP-53: In vivo optical coherence tomography for the evaluation of upper urinary tract urothelial carcinoma: Initial results from a pilot study
M.T.J. Bus, B.G. Muller, D.M. de Bruin, D.J. Faber, M.P. Laguna-Pes, T.G. van Leeuwen, T.M. De Reijke, J.J. de la Rosette (The Netherlands)

PP-54: Optical biopsy to improve the diagnosis of kidney cancer
P.G.K. Wagstaff, D.M. de Bruin, P.J. Zondervan, O.M. van Delden, T.G. van Leeuwen, R.J.A. van Moorselaar, J.J.M.C.H. de la Rosette, M.P. Laguna Pes (The Netherlands)

17:00-17:30 Coffee Break

17:30-18:30 SYMPOSIUM I: PROVIDING OPTIMAL CARE FOR THE PATIENT WITH PROSTATE CANCER
Chairman: Theo M. de Reijke
Radical prostatectomy: Open, laparoscopic or robot?
Peter Scardino
Hormonal therapy: Can we prevent cardiovascular side effects?
Theo M. de Reijke
Which treatment for the patient with CRPC?
John Fitzpatrick
Discussion

and SANOFI provided an unrestricted grant for this Symposium

18:30 WELCOME COCKTAIL
Thursday, May 30, 2013

08:00-09:00  **SOCIETY LECTURES I**
Moderators: John Ward, Pilar Laguna

08:00-08:20  **ESUT Lecture:** *Targeting the kidney – An update on novel techniques*
Jens Rassweiler

08:20-08:40  **SIU Lecture:** *Optimising focal therapy strategy*
Simon Tanguay

08:40-09:00  **ESOU Lecture:** *Template biopsy for selecting patients for active surveillance or focal therapy: A must in 2013?*
Maurizio Brausi

09:00-10:30  **VIDEO SESSION I:** *THIS IS HOW I DO IT*
Moderators: Hashim Uddin Ahmed, Arnauld Villers

09:00-09:20  Video 1: *Integrating mpMRI and 3-D transperineal mapping biopsies into focal cryotherapy of the prostate*
Thomas Polascik

09:20-09:40  Video 2: *OCT in kidney and prostate cancer*
D.M. de Bruin, B.G. Muller

09:40-10:00  Video 3: *The UCL strategy for targeted prostate biopsies*

10:00-10:20  Video 4: *Biojet MRI/TRUS fusion: A new computerised registration system*
M. Valerio, H.U. Ahmed, M. Emberton (United Kingdom)

10:20-10:30  Discussion

10:30-11:00  **Coffee Break**

11:00-12:30  **SESSION I: FOUNDATIONS FOR FOCAL THERAPY**
Moderators: John Fitzpatrick, Thomas Polascik

11:00-11:20  Lecture: *Are low grade, low volume prostate lesions cancer?*
Hashim Uddin Ahmed

11:20-11:55  Lecture: *Indolence versus significance*
Peter Scardino

11:55-12:30  Debate: *Active surveillance versus focal therapy*
Chris Bangma, John Ward

12:30-13:00  **ROUND TABLE DISCUSSION I ON SESSION I**
Moderators: John Fitzpatrick, Thomas Polascik
Panelists: Hashim Uddin Ahmed, Peter Scardino, Chris Bangma, John Ward
13:00-14:00 SYMPOSIUM II: IMAGING FOR DIAGNOSIS AND GUIDED SURGERY IN UROLOGICAL CANCERS
13:00-13:20 The use of DynaCT and image-fusion in urological surgery. Current indications and perspectives
Ina Scwabenland
13:20-14:00 Role of MRI in prostate cancer management
Hashim Uddin Ahmed

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14:00-15:30 SESSION II: FOCAL THERAPY TREATMENTS PCa – PART A
Moderators: Theo de Reijke, Bob Djavan
14:00-14:15 Lecture: Cryosurgery
John Ward
14:15-14:30 Lecture: HIFU
Sebastian Crouzet
14:30-14:45 Lecture: Nanoknife
Jean de la Rosette
14:45-15:00 Lecture: Focal radiotherapy
György Kovács
15:00-15:15 Lecture: Laser
Scott Eggener
15:15-15:30 Discussion

15:30-17:00 SESSION III: FOCAL THERAPY TREATMENTS PCa – PART B
Moderators: Jeroen van Moorselaar, Ioannis Varkarakis
15:30-15:45 Lecture: Focal therapy following curative failure
Stephen Jones
15:45-16:00 Lecture: Facing the patient: Focal therapy versus PIVOT trial
Theo De Reijke
16:00-16:15 Lecture: How to diagnose focal therapy failure
Steven Joniau
16:15-16:30 Lecture: How to treat focal therapy failure?
Eric Barret
16:30-16:45 Lecture: How to treat focal therapy recurrence
Hashim Uddin Ahmed
16:45-17:00 Lecture: MR image guided therapy for localized prostate cancer
Ardeshir Rastinehad

17:00-17:30 KEYNOTE LECTURE: THE SUM OF ALL
Moderator: Jean De La Rosette
Speaker: John Fitzpatrick
Friday, May 31, 2013

08:00-09:00 SOCIETY LECTURES II
Moderators: Pilar Laguna, Andreas Skolarikos

08:00-08:20 Endourological Society Lecture: Targeted prostate biopsies: Implications for diagnosis and treatment
Inderbir Gill

08:20-08:40 SUO Lecture: MRI: A platform for focal prostate cancer therapy
Peter Pinto

08:40-09:00 ESUI Lecture: CEUS – Histoscaning – Elastography
Jochen Walz

09:00-10:20 VIDEO SESSION II: THIS IS HOW I DO IT
Moderators: Maurizio Brausi, Andre Vis

09:00-09:20 Video 5: Validating imaging with histopathology
Hessel Wijkstra

09:20-09:40 Video 6: Ultrasound and MR dispersion imaging
Massimo Mischi

09:40-10:00 Video 7: How I do it: Multiparametric MRI - Ultrasound fusion targeted biopsies using Varian brachytherapy software: A practical solution to deliver targeted biopsies and therapy
R. Popert, P. Sturch, D. Eldred-Evans, B. Taylor, M. McGovern, A. Robinson, S. Morris (United Kingdom)

10:00-10:20 Video 8: Focal cryoablation of the prostate
Charles J. Rosser

10:20-10:45 Coffee Break

10:45-12:45 SESSION IV: ROLE OF IMAGING IN DIAGNOSIS AND TARGETING
Moderators: Ardeshir Rastinehad, Jean de la Rosette

10:45-11:05 Debate: 3D Tesla MRI versus template biopsies
Alex Kirkham, Bob Djavan

11:05-11:25 Lecture: MRI and robot guided prostate interventions
Jurgen Futterer

11:25-11:45 Debate: Targeted versus template biopsies
Arnauld Villers, Maurizio Brausi

11:45-12:05 Debate: MRI versus ultrasound
Peter Pinto, Georg Salomon

12:05-12:30 Lecture: OCT in diagnosis and targeting
Jean de la Rosette

12:30-12:45 Lecture: Nanotechnology and optical biopsy technology for targeted prostate cancer therapy
Fernando Kim
12:45-13:15  **ROUND TABLE DISCUSSION II ON SESSION IV**
Moderators: Ardeshir Rastinehad, Jean de la Rosette
Panelists: Alex Kirkham, Peter Pinto, Arnauld Villers, Georg Salomon, Bob Djavan, Jurgen Futterer, Fernando Kim, Maurizio Brausi

13:15-14:00  **Lunch**

14:00-15:30  **SESSION V: INDICATIONS AND OUTCOMES OF RENAL FOCAL THERAPY**
Moderators: Paolo Gontero, Thomas Polascik

14:00-14:20  Lecture: *Partial nefrectomy*
Sasha Pahernik

14:20-14:40  Lecture: *Radiofrequency*
Steven Joniau

14:40-15:00  Lecture: *Renal cryosurgery*
Inderbir Gill

15:00-15:20  Lecture: *Standardization of indication for renal ablation*
Pilar Laguna

15:20-15:30  Discussion

15:30-16:00  **SUMMARY AND FAREWELL**
Moderators: Jean de la Rosette, Inderbir Gill
General Information

Symposium Venue
Grand Hotel Huis Ter Duin
Koningin Astrid Boulevard 5, 2200 AB Noordwijk, Amsterdam, The Netherlands

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Accreditation
The 6th International Symposium on Focal Therapy and Imaging in Prostate and Kidney Cancer is accredited by the European Board of Urology (EBU) for 14 hours of European CME credits. The EBU works according to the rules and quality standards of the European Accreditation Council for Continuing Medical Education (EACCME).

Poster and Video Publication
All the poster and video presentations of the 6th International Symposium on Focal Therapy and Imaging in Prostate and Kidney Cancer will be published in SIU’s new eLearning portal, SIU Academy. Please visit www.siu-academy.org to view the presentations.

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