
April 2019,
Thursday 11th & Friday 12th
8h30-17h30
Hôpital Cochin-Paris-France

4th International
Workshop on
Diagnostic
& Interventional
**Prostate
MRI**

Organization: François Cornud M.D.
Hôpital Cochin, Department of Radiology
(Pr Legmann)



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UDRI
Prostate MRI
Teaching Courses

4th International Workshop on Diagnostic & Interventional Prostate MRI

April 2019

Thursday 11th

8h15-17h30

Friday 12th

8h30-16h30

Course Format

- Teaching course program of Paris Descartes University on Prostate MRI.
- Lectures (40%) and hands-on practical cases on workstations (60%).
- Interactive voting system.

Speakers

Matthias Barral*

University Paris Descartes, Paris, France

Tristan Barrett*

University of Cambridge, United Kingdom

Frédéric Beuvon**

Université Paris Descartes, Paris, France

Loïc Colleter*

Imagerie Phocéenne, Marseille, France

François Cornud*

Université Paris Descartes, Paris, France

Joyce Bomers*

Radboud University, Nijmegen,
The Netherlands

Sangeet Ghai*

University of Toronto, Canada

Matthias Röthke*

Conradia Imaging Center, Hamburg,
Germany

**Department of Radiology*

***Department of Pathology*



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OBJECTIVES

Objectives of the workshop

The use of prostate MRI is expanding, as demonstrated by the growing evidence of its clinical utility. However, consistently assigning a reproducible PI-RADS score to visible lesions, evaluating local, regional and distant tumor extension and detecting tumor local recurrence after radical or focal treatment remain a difficult task in clinical practice.

Confirmatory diagnosis of PCa requires a targeted biopsy based on MRI findings. A targeted biopsy only policy is more and more often considered to increase the detection of significant Ca. In bore MRI guidance may thus be an attractive alternative to MRI-TRUS image fusion to guide the biopsy and the respective indications of TRUS or MRI guidance can be more precisely delineated.

Lastly, MRI can be used to guide in-bore focal treatments of selected tumors. Focal treatments are performed with a physical agent delivered under direct MRI guidance to perform a focal ablation, while preserving the rest of the prostate gland. The respective roles of in-bore cryotherapy, laser ablation or high intensity focused are under evaluation.

Attention has been paid to several specific features

The availability of workstations allowing for a true-life interpretation of numerous prostate cases. The cases will then be commented and discussed by the experts.

The correlation with the histology of whole mount radical prostatectomy specimens, an invaluable source of information on the MRI appearance of cancers difficult to detect and on the actual tumor burden which should be evaluated as precisely as possible to ensure the delineation of an appropriate target volume during focal therapy

A question-and-answer electronic voting system that will evaluate the learning curve throughout the workshop, ensuring a high interactivity and allowing for exchanges with experts. The format of the workshop allows it because it is limited to 40 participants.

At the end of the workshop, participants will know

1. How to accurately use the PIRADS 2019 version v2.1
2. Why prostate MRI before biopsy is recommended
3. Why targeted biopsies only may become a standard of care
4. Where to look for signs of tumor extra-prostatic extension
5. What are the limitations of DWI to estimate tumor aggressiveness, especially in the transition zone
6. How to evaluate node and bone staging of high risk prostate cancer
7. How to detect local recurrence after radical treatment
8. The different techniques and indications of in bore MRI guided focal therapy.

PROGRAM

Thursday morning

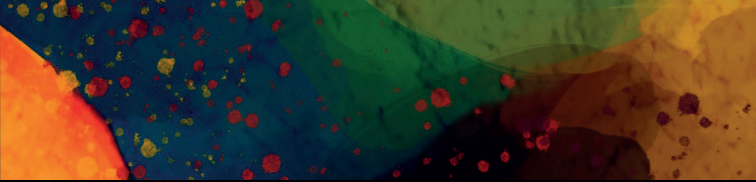
MRI & detection of prostate cancer

- 8h15-8h45** Welcome and registration
- 8h45-9h15** What about the sequences: basic technical knowledge and beyond (**Matthias Röthke**)
- 9h15-10h00** PI-RADSV2.1: concept, merits and limits. Pros and cons of a biparametric approach (**Tristan Barrett**)
- 10h00-10h30** Warm-up: presentation and discussion of three cases (**Loïc Colleter**)
- 10h30-11h00** Self assessment of 8 cases on workstations
- 11h00-11h15** Tea or coffee?
- 11h15-11h45** T2W-MRI features of TZ lesions (**François Cornud**)
- 11h45-12h15** Extraprostatic extension: what to look for and where? (**Matthias Barral**)
- 12h15-12h45** Discussion of the 8 cases (**Matthias Röthke - Loïc Colleter**)
- 12h45-13h30** Lunch

Afternoon

Detection & cases

- 13h30-14h15** **10 cases**
- 14h15-15h00** Discussion of the 10 cases (**Matthias Barral**)
- 15h00-15h30** Correlation of the ADC map and the surgical Gleason score: where are the pitfalls? (**François Cornud - Frédéric Beuvon**)
- 15h30-16h00** Artificial Intelligence and diagnosis of prostate cancer: are radiologists going to lose their jobs? (**Matthias Röthke**)
- 16h00-16h30** **6 cases**
- 16h30-17h00** Tea or coffee?
- 17h00-17h30** Discussion of the 6 cases (**Tristan Barrett - Loïc Colleter**)



Friday morning

Interventional prostate MRI & cases

- 8h30-9h00** MR-targeted biopsies: TRUS-MRI image fusion and in-bore MRI guidance: are we ready for a targeted biopsy only strategy?
(François Cornud - Joyce Bomers)
- 9h00-9h30** Rationale of focal treatment (Sangeet Ghai)
- 9h30-10h30** **12 cases**
- 10h30-10h45** Coffee
- 10h45-11h30** Discussion of the 12 cases
(François Cornud - Sangeet Ghai)
- 11h30-11h55** In-bore cryo and laser ablation
(Joyce Bomers)
- 11h55-12h20** In-bore HIFU **(Sangeet Ghai)**
- 12h20-12h40** In-bore TULSA **(Matthias Röhke)**
- 12h40-13h10** Joint discussion
- 13h10-13h50** Lunch

Afternoon

Evaluation of high risk cancers & more cases

- 13h50-14h15** Nodes and bone staging: whole-body MRI and PSMA **(Matthias Röhke)**
- 14h15-14h40** Recurrences after radical treatment
(Loïc Colleter)
- 14h40-15h40** **12 cases**
- 15h40-16h30** Discussion of the 12 cases
(Loïc Colleter - Mathias Barral)
- 16h30-16h30** Closing remarks

INFORMATION & REGISTRATION

Registration fee: **590 euros**

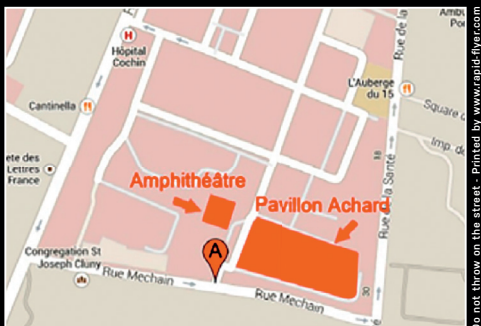
Residents: **150 euros**

www.prostatemri-udri.org/en

Do not hesitate to contact us for more information: contact@prostatemri-udri.org

ACCREDITATION

This workshop is officially accredited by EACCME® (ECMEC®).



COCHIN HOSPITAL

Jean Dausset Amphitheater

Just opposite to Pavillon Achard. The amphitheater is very close to the car entry of the hospital, 10 rue Mechain, 75014 Paris.

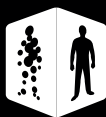
RER **B** Denfert-Rochereau (500m)

METRO **4** Denfert-Rochereau

6 Saint-Jacques

BUS **28 - 38 - 68 - 88**

Workshop organized in partnership with



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