



UNIVERSITÉ  
**PARIS  
DESCARTES**



**4<sup>th</sup> International Workshop  
on Diagnostic and Interventional Prostate MRI  
April 2019, Thursday 11<sup>th</sup> and Friday 12<sup>th</sup>, Paris, France**

**Organization :**

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

**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  
Thibaut Pierre\*, Université Paris Descartes, Paris, France  
Matthias C Röthke\*, Conradia Imaging Center, Hamburg, Germany  
*\*Department of Radiology, \*\*Department of Pathology*



[www.prostatemri-udri.org/en](http://www.prostatemri-udri.org/en)



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**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.



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**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.





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**PROGRAM**

**Thursday morning: MRI and detection of prostate cancer**

08.15-08.45 : Welcome and registration

08.45-09.15 : What about the sequences: basic technical knowledge and beyond  
**(Matthias Röthke)**

09.15-10.00 : PI-RADS<sub>v2.1</sub>: concept, merits and limits. Pros and cons of a biparametric approach **(Tristan Barrett)**

10.00-10.30 : Warm-up: presentation and discussion of **three cases (Loïc Colleter)**

10.30-11.00 : Self assessment of **8 cases** on workstations

11.00-11.15 : Tea or coffee?

11.15-11.45 : T2W-MRI features of TZ lesions **(François Cornud)**

11.45-12.15: Extraprostatic extension: what to look for and where? **(Matthias Barral)**

12.15-12.45 : Discussion of the 8 cases **(Matthias Röthke, Loïc Colleter)**

12.45-13.30: Lunch

**Thursday afternoon: Detection and cases**

13.30-14.15 : **10 cases**

14.15-15.00 : Discussion of the 10 cases **(Matthias Barral)**

15.00-15.30 : Correlation of the ADC map and the surgical Gleason score: where are the pitfalls? **(François Cornud, Frédéric Beuvon)**

15.30-16.00 : Artificial Intelligence and diagnosis of prostate cancer: are radiologists going to lose their jobs? **(Matthias Röthke)**

16.00-16.30: **6 cases**

16.30-17.00 : Tea or coffee?

17.00-17.30 : Discussion of the 6 cases **(Tristan Barrett, Loïc Colleter)**





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**Friday morning: Interventional prostate MRI and cases**

08.30-09.00 : 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**)

09.00-09.30 : Rationale of focal treatment (**Sangeet Ghai**)

09.30-10.30 : **12 cases**

10.30-10.45 : Coffee

10.45-11.30 : Discussion of the 12 cases (**François Cornud, Sangeet Ghai**)

11.30-11.55 : In-bore cryo and laser ablation (**Joyce Bomers**)

11.55-12.20 : In-bore HIFU (**Sangeet Ghai**)

12.20-12.40 : In-bore TULSA (**Matthias Röthke**)

12.40-13.10 : Joint discussion

13.10-13.50 : Lunch

**Friday afternoon: Evaluation of high risk cancers and more cases**

13.50-14.15 : Nodes and bone staging: whole-body MRI and PSMA (**Matthias Röthke**)

14.15-14.40 : Recurrences after radical treatment (**Loïc Colleter**)

14.40-15.40 : 12 cases

15.40-16.30 : Discussion of the 12 cases (**Loïc Colleter, Mathias Barral**)

16.30 : Closing remarks





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**VENUE**

Amphithéâtre Jean Dausset, Hôpital Cochin, just opposite to Pavillon Achard  
The amphitheatre is very close to the car entry of the hospital, 10 rue Méchain,  
75014, Paris



Public transports :

RER Denfert-Rochereau (500m)

METRO Denfert-Rochereau Saint-Jacques

**BUS 28 - 38 - 68 – 88**



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**REGISTRATION**

Registration fee : 590 euros ; residents : 150 euros

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**Accreditation :**

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

**Do not hesitate to contact us for more information**



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