

## Registration

Registration for the course will only be possible via [www.utrechtspinecourse.com](http://www.utrechtspinecourse.com)  
The online registration system will remain open until 16 March 2023 12:00 hrs. After this date registrations can only be made on-site at the meeting venue.

## Registration fees (including 21% VAT)

	Before 1 February 2023	Between 1 February 2023 and 17 March 2023	Onsite
Full delegate - 17 March	€ 225,00	€ 275,00	€ 325,00
Residents - 17 March	€ 100,00	€ 150,00	€ 200,00
Course dinner - 17 March	€ 65,00	€ 75,00	-
Cadaver lab* - 18 March	€ 225,00	€ 275,00	€ 325,00

\*Maximum availability of 20 persons, on a first come, first serve base.

The registration fee includes participation in the scientific programme, lunch/coffee/tea during breaks, exhibition visit and drinks at the end of the course.

## Accreditation

A request for European accreditation is submitted to the UEMS/EACCME.

## Cadaver lab

For a limited group, a cadaver lab with hands-on training of different techniques is provided on Saturday morning 18 March from 08.00 till 13.30 (lunch afterwards). Registration for the cadaver lab can be done through our online registration system and is only possible in combination with a course registration. Registration of participants is processed on a first come, first served base. Costs are € 225,00 when you register before 1 February.

## Venue

University Medical Centre Utrecht  
Heidelberglaan 100  
3584 CX Utrecht  
The Netherlands

## Organising committee

Tom Schlösser,  
*Orthopedic surgeon UMC Utrecht*  
Mechteld Lehr,  
*Staff advisor orthopedics UMC Utrecht*

## Contact

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# Invitation

# Adult Spinal Deformities

**17 - 18 March 2023**

UMC Utrecht - The Netherlands

# Welcome at the Utrecht Spine Course

Dear Colleagues,

It is our great pleasure to invite you to attend the upcoming 4th edition of the Utrecht Spine Course. For the 2023 edition of this course we have chosen 'Adult Spinal Deformities' as the overarching theme.

In this course we will interactively share our concepts for the clinical care of patients with spinal deformities, discuss various surgical techniques and introduce pathways for future improvement of this population. You will practice the selection of the right patient, conventional correction and fusion techniques will be reviewed, and insight will be given into the future by sharing our experience with implementation of state of the art technologies. Next to lectures, there is ample time for case-based discussions and interaction with the faculty. For a limited group, a cadaver and 3D print simulation lab with hands-on training of different (innovative) techniques is provided on Saturday.

As a 'grande finale', Cumhur Öner will give a lecture on the lessons learned during his extensive career in spinal surgery.

We sincerely hope you will attend this very comprehensive course, it promises to be a great educational experience.

On behalf of the Utrecht Spine Unit,

Tom Schlösser

## Programme 17 March Adult Spinal Deformities

### Defining the right indications for surgery:

- 9.00 Welcome and introduction  
*Prof. dr. L.W. van Rhijn*
- 9.05 Defining adult spinal deformity  
*Dr. P.P.A. Vergroesen*
- 9.15 Selecting the right patient  
*Dr. B.J.E. de Lange-Brokaar*
- 9.30 Case discussion: Selecting the right patient  
*Prof. dr. J.J. Verlaan*
- 9.50 Relevance of ASD for THA surgery  
*Drs. T.E. Snijders*
- 10.05 Posttraumatic deformities  
*Prof. dr. F.C. Öner*
- 10.30 Break

### Surgical considerations:

- 11.00 Relevance of sagittal alignment  
*Dr. T.P.C. Schlösser*
- 11.10 Case discussions: planning sagittal realignment  
*Dr. T.P.C. Schlösser*
- 11.30 Autograft or alternative bone grafting  
*Dr. ir. A.M. Lehr*
- 11.45 Evidence-based cages  
*Dr. S.M. van Gaalen*
- 12.00 Case discussion: Surgical treatment of cervical kyphosis  
*Dr. N. Moayeri*
- 12.20 Lunch

### Innovations:

- 13.20 Alternatives to end of construct screws  
*Prof. dr. L.W. van Rhijn*
- 13.40 Case discussion: Indication for screw cement augmentation  
*Dr. J. van Tiel*
- 14.00 Innovations in spinal imaging  
*Dr. W. Foppen*
- 14.15 3D lab workflow  
*Dr. K. Willemsen*
- 14.30 Case discussions: Individualized treatment of extreme ASD  
*Prof. dr. M.C. Kruijt*
- 15.00 Break

### Reflections:

- 15.30 Lessons learned  
*Prof. dr. F.C. Öner*
- 16.15 Closure and drinks

## Programme 18 March Hands-on cadaveric lab

- 08.00 Hands-on training
- 10.30 Coffee break
- 11.00 Hands-on training
- 13.30 Closure and lunch

### Skills stations:

- Alternative fixation techniques: Lamina bands and hooks  
*Prof. dr. L.W. van Rhijn*
- Patient specific 3D-print training  
*Prof. dr. M.C. Kruijt and Ir. J. Magré*
- MISTLIF  
*Drs. P.R. van Urk*
- Iliosacral fixation techniques  
*Dr. S.P.J. Muijs*

Limited number of participants

### Faculty

*Dr. W. Foppen  
radiologist*

*Dr. S.M. van Gaalen  
orthopedic surgeon*

*Prof. dr. M.C. Kruijt  
orthopedic surgeon*

*Dr. B.J.E. de Lange-Brokaar  
rehabilitation specialist*

*Dr. Ir. A.M. Lehr  
staff advisor*

*Ir. J. Magré  
biomedical engineer 3D Lab*

*Dr. N. Moayeri  
neurosurgeon*

*Dr. S.P.J. Muijs  
orthopedic surgeon*

*Prof. dr. F.C. Öner  
orthopedic surgeon*

*Prof. dr. L.W. van Rhijn  
orthopedic surgeon*

*Dr. T.P.C. Schlösser  
orthopedic surgeon*

*Drs. T.E. Snijders  
resident orthopedic surgery*

*Dr. J. van Tiel  
orthopedic surgeon*

*Drs. P. van Urk  
orthopedic surgeon*

*Dr. P.P.A. Vergroesen  
orthopedic surgeon*

*Prof. dr. J.J. Verlaan  
orthopedic surgeon*

*Dr. K. Willemsen  
coordinator 3D Lab*