

# Balgrist

University Hospital

—  
Virtual  
Meeting  
—



Revision surgery

# Complex Spine Symposium Zurich «Virtual Edition»

**Friday, June 18<sup>th</sup>, 2021**

Live broadcast from Balgrist University Hospital, Zurich



Universität  
Zürich

swiss olympic MEDICAL  
olympic CENTER

## Revisions in spine surgery:

What are the main reasons, how to avoid them? What are the best surgical revision techniques?

These are questions that every spine surgeon needs to answer daily. The virtual Complex Spine Symposium 2021 illuminates the answers with key talks given by Swiss University Hospital leaders in spine surgery and other world-renowned experts. Live surgical demonstrations will be broadcasted online and will give the opportunity to take home technical tricks for revision surgery.

### The main topics include:

- Pseudarthrosis and screw loosening
- End of construct failures and proximal junctional kyphosis
- Cervical spine revision surgery
- Balance versus alignment of the spine in revision surgery
- Early revisions for infections and CSF leaks
- Adjacent segmented degeneration

### Visit

[www.complexspinesymposium.com](http://www.complexspinesymposium.com)  
for more information.

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## International faculty



**Lorin Benneker, MD**, Professor  
Orthopädie Sonnenhof Berne,  
Senior Consultant Spine Surgery



**Dezső J. Jeszenszky, MD**, Professor  
Schulthess Klinik Zurich  
Head of Spine Surgery, Orthopaedics  
and Neurosurgery



**Michael Betz, MD**  
Balgrist University Hospital Zurich,  
Senior Consultant Spine Surgery



**Claudio Lamartina, MD**, Professor  
I.R.C.C.S. - Istituto Ortopedico Galeazzi,  
Orthopaedic Spine Surgeon



**Armin Curt, MD**, Professor  
Balgrist University Hospital Zurich,  
Director Spinal Cord Injury Center



**Hans-Christoph Pape, MD**, Professor  
University Hospital Zurich,  
Chair of Trauma Surgery



**Dennis Dominguez, MD**  
University Hospital Geneva,  
Head of Spine Surgery



**Luca Regli, MD**, Professor  
University Hospital Zurich,  
Chair of Neurosurgery



**Stefan Schären, MD**, Professor  
University Hospital Basel,  
Director Spine Center



**Timo Ecker, MD**  
CHUV Lausanne University Hospital,  
Head of Spine Surgery



**Jess Snedeker**, Professor  
Balgrist University Hospital Zurich,  
Head of Biomechanics



**Mazda Farshad, MD**, Professor  
Balgrist University Hospital Zurich,  
Chair of Orthopedic Surgery,  
Surgeon-in Chief



**José Spirig, MD**  
Balgrist University Hospital Zurich,  
Consultant Spine Surgery



**Federico P. Girardi, MD**, Professor  
Hospital for Special Surgery,  
New York Professor of Orthopedic,  
Surgery, Spinal Surgery



**Reto Sutter, MD**  
Balgrist University Hospital Zurich,  
Head of Radiology



**Jürgen Harms, MD**, Professor  
Ethianum Heidelberg,  
Head of Spine Surgery



**Ilker Uckay, MD**  
Balgrist University Hospital Zurich,  
Head of Musculoskeletal Infectiology

## Course program – Friday, June 18<sup>th</sup>, 2021

<b>08.25</b>	<i>Welcome</i>	M. Farshad
<b>Pseudarthrosis and screw loosening</b>		
<b>08.30</b>	Diagnosis of pseudarthrosis & screw loosening	R. Sutter
<b>08.50</b>	How to predict / avoid screw loosening?	J. Snedeker
<b>09.10</b>	What to do with a loose screw?	F. Girardi
<b>09.30</b>	Technical tricks in pseudarthrosis revision?	C. Lamartina
<b>09.50</b>	Lumbopelvin instrumentation in / for revision surgeries	T. Ecker
<b>10.10</b>	<i>Coffee break</i>	
<b>10.25</b>	<b>Live demonstration: Navigation-free S2 – Ala screws</b>	M. Farshad
<b>10.40</b>	<b>Live demonstration: PSO – Pedicle Subtraction Osteotomie – made easy</b>	M. Farshad
<b>11.10</b>	Role of BMP / biologics	M. Betz
<b>11.30</b>	MIS alternative for pseudoarthrosis	D. Dominguez
<b>Cervical spine</b>		
<b>11.50</b>	Pearls in cervical spine revision surgery	D. Jeszenszky
<b>12.10</b>	<i>Lunch break</i>	
<b>End of construct failures and proximal junctional kyphosis</b>		

<b>13.10</b>	Risk factors & how to avoid	J. Spirig
<b>13.30</b>	How to treat a problem at the construct end?	F. Girardi
<b>The flat spine</b>		
<b>13.50</b>	Debate Session: Balance vs. Alignment	C. Lamartina vs. J. Harms
<b>Early Revision</b>		
<b>14.20</b>	Infections	I. Uckay
<b>14.40</b>	CSF leaks and fistula	L. Regli
<b>15.00</b>	Treatment of complex fractures of the sacrum and spino-pelvic dissociation injuries	L. Benneker
<b>15.20</b>	<i>Coffee break</i>	
<b>15.35</b>	Early revision in open fractures	H.C. Pape
<b>15.55</b>	Nerve damage - tools for prognosis	A. Curt
<b>Adjacent segment degeneration</b>		
<b>16.15</b>	How to avoid by planning?	M. Farshad
<b>16.35</b>	How to avoid by surgical details?	S. Schären
<b>16.55</b>	Q & A session	all
<b>17.30</b>	<i>End of symposium</i>	

# Information

## Location

Live broadcast from  
Balgrist University Hospital  
Zurich, Switzerland

## CME Credits

Swiss Orthopaedics (SGOT): 8 credit points  
Swiss Society of Neurosurgery (SGNC): 8 credit points  
Schweizerische Gesellschaft für Chirurgie (SGC):  
2 credit points

## Course Fee

CHF 150,- (access to all virtual sessions)  
CHF 100,- (access to all virtual sessions for residents)

## Online access

The access link to the virtual meeting will be sent to all registered participants by email. Further information can be found on [www.complexspinesymposium.com](http://www.complexspinesymposium.com).

## Registration/contact

[www.complexspinesymposium.ch](http://www.complexspinesymposium.ch)  
Stefanie Pfister, Coordinator Congresses & Events  
+ 41 44 386 38 33  
[kongresse@balgrist.ch](mailto:kongresse@balgrist.ch)

Universitätsklinik Balgrist

Forchstrasse 340  
8008 Zürich, Schweiz  
T + 41 44 386 11 11  
F + 41 44 386 11 09  
[info@balgrist.ch](mailto:info@balgrist.ch)  
[www.balgrist.ch](http://www.balgrist.ch)

