

# USReconStudy

Study on robot-assisted ultrasound reconstruction of the Lumbar Spine

**Balgrist**

Universitätsklinik



**Volunteers are wanted for an experimental study!**



## Who

- Healthy individuals between 18 and 35 years of age
- No injuries, chronic complaints or any kind of past therapies of the lumbar spine



## How

For information, registration and questions, please use the following QR code



## Compensation for efforts

(including travel expenses): CHF 25.-/h, with a maximum of CHF 75.- per proband.

## Goal of the study

In our research project, we want to find out whether it is possible to use robot-assisted ultrasound examinations of the lumbar spine to plan and guide surgeries

## Structure and duration of the study

To participate, we will ask you to volunteer once for a approximately 2.5-3 hours for the study and for the following procedure described below at the Balgrist Campus in Zurich.

After you have registered, you will begin by receiving a questionnaire with medical questions and may answer them. On the study day there will then be a clinical examination of the lumbar spine, a CT scan, a manual ultrasound scan, and a robot-assisted ultrasound examination of the lumbar spine. Finally we ask you again to answer a questionnaire about the study day.

## Contact:

Med. Pract. Nicola Cavalcanti  
Research in Orthopedic Computer Science  
Balgrist Campus  
Lengghalde 5  
8008 Zürich  
+41 44 510 73 79  
Nicola.cavalcanti@balgrist.ch