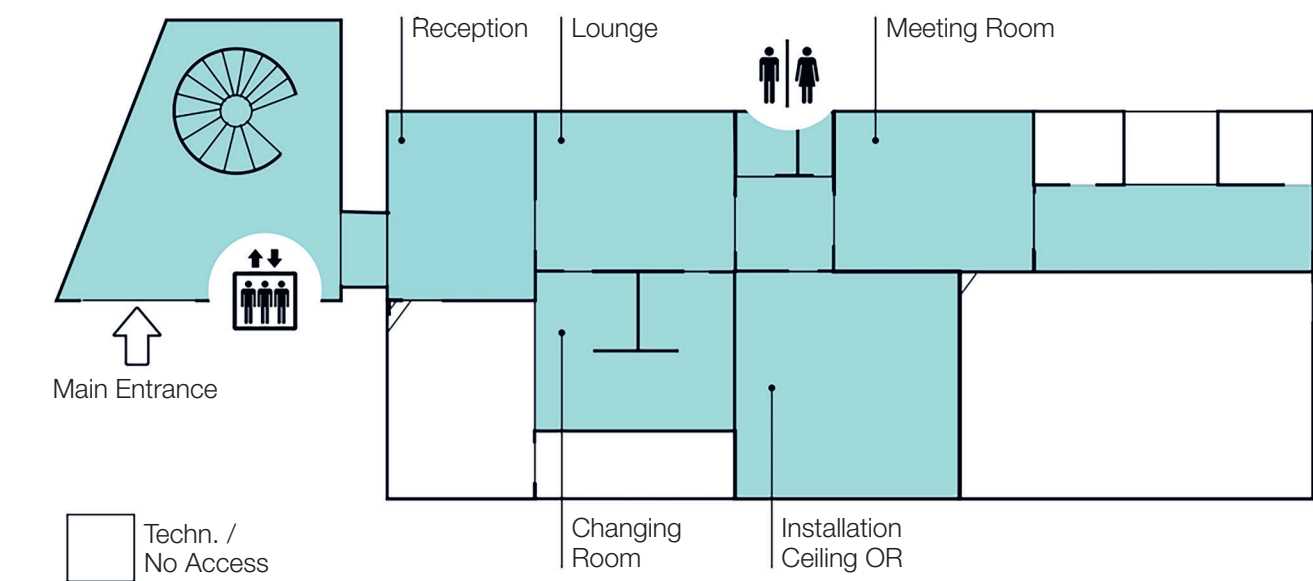


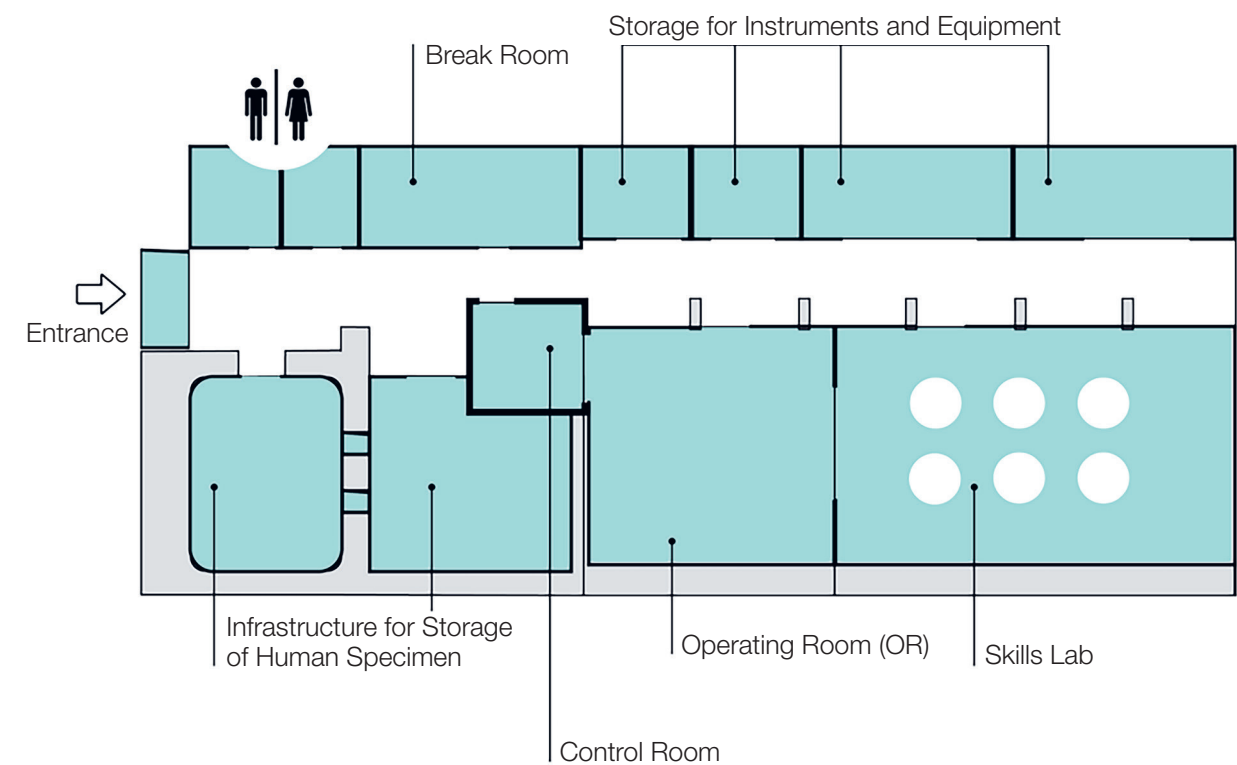
Facility specifications
**OR-X – Translational
center for surgery**

Floor Plan

Upper Floor



Lower Floor



Operating Room



Size	51 m ²
Workstations	1 workplace (masterplace) Connectable to the adjacent Skills Lab via sliding doors
Equipment	Operating table mobile (Baxter PST 500 series) Operating LED lights, including lamp camera (KLS Martin marLED X) Brainlab BUZZ™ Digital O.R. solution Wall-integrated displays (PACS NEC MultiSync P495, NEC MultiSync V864Q) Siemens Cios Spin / Fluoroscopy device Full HD monitor Mobile suction
Additional equipment	We provide specialized equipment for research projects and surgical training. Please refer to the research equipment section.
Service (included)	Preparation and disposal of materials and instruments Instrument set Disinfection & sterilization of in-house instruments Breakout space close to the OR
Service (additional)	Single-use gowns, scrubs, gloves, surgical shoes, cover material Supply of human specimen incl. ordering, transportation, standard pre- paration and cremation Disinfection and sterilization of external instruments, including a decon- tamination certificate CT / MRI (Siemens MRI 3T, MRI 7T, CT Photon-Counting, Micro-CT)
Note	The Operating Room and the Skills Lab can be booked individually or together.

Skills Lab



Size	85 m²
Workstations	Up to 6 workplaces Connectable to the adjacent OR via sliding doors
Equipment	6 Operating tables mobile (4 Baxter PST 300, 1 Baxter PST 500, 1 Maquet) 5 Operating lights (marLED® E9i) 1 Operating light mobile with camera (marLED X mobil) 1 Dissection table 2 Fluoroscopy devices 8 Mobile suction 5 HF-Devices / Electrosurgical units 1 Reamer (ANSPACH™) 1 Full HD monitor 6 wall-integrated displays (NEC MultiSync® P495, 49") Brainlab BUZZ™ Digital O.R. solution
Arthroscopy/ Endoscopy	2 Arthroscopy towers
Additional equipment	We provide specialized equipment for research projects and surgical training. Please refer to the research equipment section.
Service (included)	Preparation and disposal of materials and instruments Instrument set Disinfection & sterilization of in-house instruments Break room close to the Skills Lab
Service (additional)	Single-use gowns, scrubs, gloves, surgical shoes, cover material Supply of human specimen incl. ordering, transportation, standard pre- paration and cremation Disinfection and sterilization of external instruments, including a decon- tamination certificate CT / MRI (Siemens MRI 3T, MRI 7T, CT Photon-Counting, Micro-CT)

Control Room



Size	10 m²
Equipment	Professional grade level broadcasting network for audio and video pro- duction incl. built-in mixer for live streaming and post-editing High-performance data collection network and AI servers
Utilization	Serves as the central interface of the OR-X, enabling external control of A/V signals, data stream, and various network systems.

Changing Room



Size	27 m²
Utilization	Fitting room for change of clothes with lockers and a shower

Meeting Room & Lounge



Meeting Room

Size	38 m² (max. 25 people)
Equipment	Mobile HD monitor (Microsoft Surface Hub) HDMI
Seating options	Boardroom-style atmosphere: max. 12 people Auditorium-style atmosphere: max. 25 people
Service (included)	Coffee, tea, water
Service (additional)	Catering

Welcome Area / Lounge

Size	37 m² (approx. 20 seating places)
Equipment	Wall HD monitor (Microsoft Surface Hub) HDMI Video transmission
Service (included)	Administrative staff, guest greeting Coffee, tea, water
Service (additional)	Catering

Research Equipment

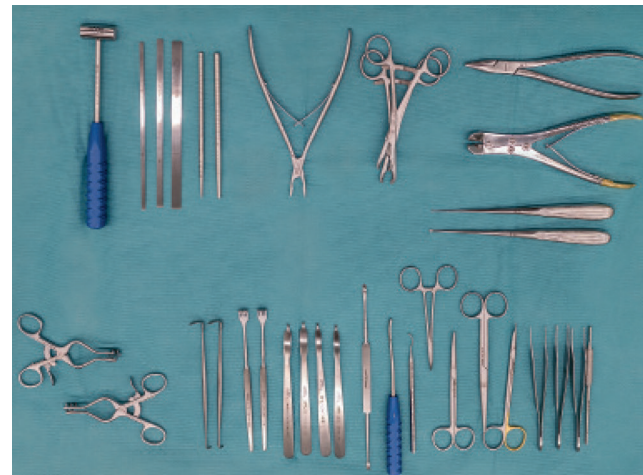


Intraoperative imaging	Cone Beam CT – Siemens Cios Spin Ziehm Vision FD (CMOS) C-Bogen
Robotics	KUKA Robot LBR Med 14 R820
AR/VR Displays	AR / VR Head Mounted Displays: MS Hololens2, Meta Oculus Quest 2, Magic Leap, Meta Aria
Camera tracking	Tracking systems (Atracsys fusionTrack 500)
Additional equipment	Surgical navigation system Depth and RGB Cameras (Azure Kinect, Zed Mini) Video transmission / Speaker system Mobile HD monitor (Microsoft Surface Hub) HF-Devices/ Electrosurgical unit Protective lead garments, radiation safety
Use of devices	Please note that most of the research equipment requires additional technical support. The magnitude of support will depend on the specifics of your research.

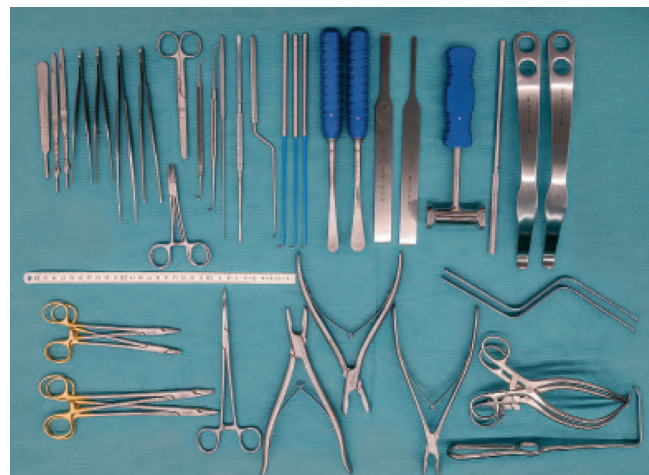
Surgical Instruments



7 Big bone sets



7 Small bone sets



7 Laminectomy sets



7 Laminectomy set accessories



7 Microinstrument sets in different sizes
(18 cm, 16 cm, 14 cm)
Various single instruments



5 AR-600 Arthrex DrillSaws
6 AR-400 Arthrex DrillSaws
2 Colibri Power Tools (DePuy Synthes)

Our Team



Prof. Dr. med. Mazda Farshad
Initiator & Founder OR-X



Thomas Huggler
Co-Founder OR-X



Prof. Dr. Philipp Fürnstahl
Co-Founder & Board Member



Tanja Walther
Head of Operations



Dr. Fabio Carrillo
Head of OR-X Research Unit



Dr. Lilian Calvet
Senior Researcher Computer Vision



Dr. Frédéric Giraud
Senior R&D Engineer



Dr. Flora Vajda
Head of Research & Innovation Node

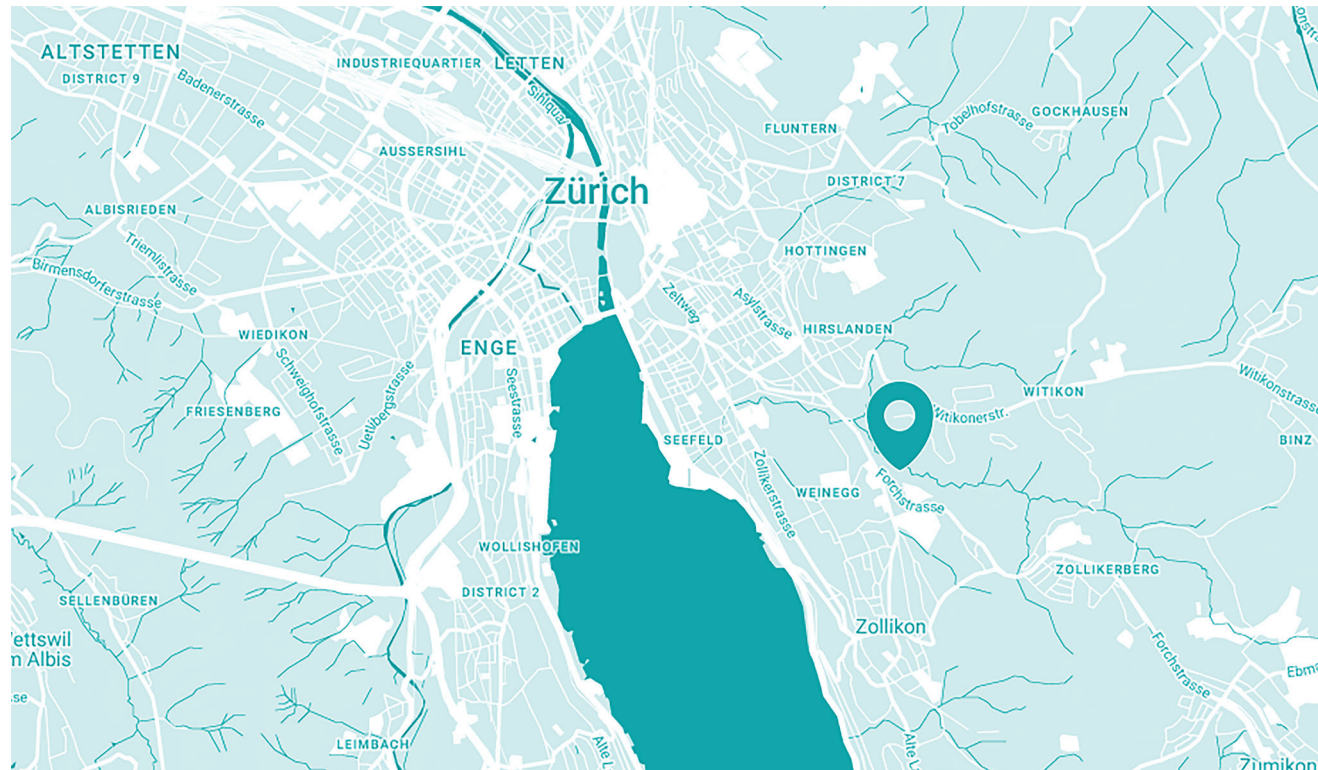


Navin Joshi
Marketing & Communications Specialist

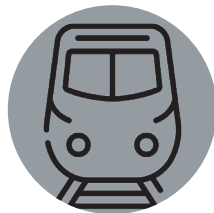
Location and Directions

The OR-X is located in the heart of Balg-rist University Hospital in Zurich. Originally, the OR-X served as a secure bunker for the hospital. The facility has quick and easy access from the city center and the airport via public transportation or car.

OR-X
Forchstrasse 340
8008 Zurich
Switzerland



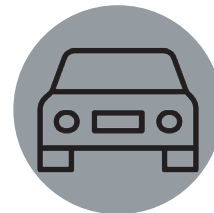
Tram
Tram No. 11
towards Rehalp
Stop Balgrist



Light railway
Forch light railway S18
towards Esslingen
Stop Balgrist



Bus
Bus line 99 from
Zollikon station
Stop Balgrist



Parking

Parking spaces at
Balgrist University
Hospital

Notes



Translational
center for surgery



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