# Klinik für Plastische Chirurgie und Handchirurgie

USZ Universitäts Spital Zürich

Arriving in spring in Zürich you are welcomed by a green landscape in bloom framed by the Zurichsee lake and snow covered mountain tops. The city center is characterized by historical official buildings and town houses with greens literally climbing the walls and you find the University Hospital on one of the slopes to the lake with great views over this scene. The historical building has grown over the years making it a little labyrinth but also lets the building blend in the city. With some difficulty I found the morning rapport room and got a warm welcoming by my host Dr. PD Maurizio Calcagni and his team. The department is divided into hand surgery, plastic surgery with one of two Swiss burn units. The hand team is working with the whole range of hand surgery, orthoplastics aslo including lower extremity with free flaps every week, plexus surgery, osteoarthritis including prosthesis, CARD reconstruction, trauma including replantations, sarkoma, cerebral paresis and more. The team is highly involved in the annual flaps course and are regularly having cadaver training for the residents and students.



I participated in one of these sessions for the Posterior Interosseous Artery Flap. Journal clubs and lectures are held weekly.

The team has two ultrasound machines in the outpatient clinic and are well trained using them for diagnostics. A neurologist, Dr Schiller, is working two days in the department giving excellent service with nerve ultrasound, neurografi, myografi and also a neurologic assessment.

With new innovative technique iphones are used for photo documentation with seamless connection to the system. The documentation is thorough with photos as the most objective medium and also ergo therapists helping for more precise measuring. As innovators in Hand surgery this is very central and soon Dr Calcagni will lead the first Swiss registry for hand surgery. I have seen many new and different techniques, some of them presented in pictures on the next page.

I am very thankful for all education, insights and personal reflexions I have received. Dr Calcagni has an incredible insight in the literature and history of hand surgery which he gladly shares together with all his of own experiences. This is a common thread in his team with Dr Inga Besmens, Dr Florian Früh, Dr Christoph Erling, Dr Thomas Mészáros and Dr Marco Guidi. I also appreciated dr Kleins invites to join the free flaps for larynx reconstruction.

I want to thank the FESSH Travel Award council and Börje Gabrielssons fund for the generous contribution and also Dr Maurizio Calcagni and his team for their generous hospitality and all their effort to educate me.

Sincerely, M.D. Martin Roginski



M.D. Martin Roginski Stockholm South Hospital Sweden

# List of surgeries

# Assisting in surgery

ALT + free radial forearm flap for esophagus reconstruction (B.D. 02.05.2019, Dr Waldner)

Free Gracilis to foot (G.G., 17.05.2019, Dr Früh, Dr Besmens)

Subtotal amputation dig 2-5, revascularization dig 3 (E.K. 07.05.2019, dr Guidi)

Latissimus Dorsi to foot (T.H., 13.05.2019, Dr Besmens, Dr Ehrling)

Skafoideumreconstruktion with vascularized bonegraft. Mathoulin procedure (E.C.L. 2019.05.22, dr Meszaros, Dr Guidi)

Scafoidreconstruction with iliac crest bone graft and screw fixation (R.T A., 22.05.2019 Dr Mesyaros) and (M.R. 29.05.2019, Dr Guidi)

Free Gracilis to lower arm (J.K., 24<sup>th</sup> of April, Dr Ehrling, Dr Besmens)

Free Gracilis to foot (M.S., 27.05.2019, Dr Ehrling, Dr Besmens)

FDP-suture in zone 2 with M-Tang 6 core suture + epitendinous suture (R.D.G. 24.05.2019 Dr Greminger)

Latissimus dorsi to foot (12th of June, Ehrling, Besmens)

Trapezectomy and APL ligamentoplasy for CMC1-arthrosis (M.T.R, 20.05.2019, Dr Guidi)

Posterior interosseous flap (training on cadaver)



## Fractures and ligamentinjuries

SL-brace for SL-reconstruction and volar plate for distal radius fracture (A.F.B., 22.05.2019, Dr Guidi)

Percutaneous compression screw fixation of undisplaced proximal scaphoid fracture, dorsal approach (P.R.S. 31.05.2019, Dr Meszaros)

Perctuneous compression screw fixation of acute scaphoid fracture with humpback deformity, volar and dorsal approach (E.T.M. 03.06.2019 dr Ehrling)

Volar wedge scaphoid pseudoarthrosis reconstruction with iliac crest graft and screw fixation (J.W. 24.04.2019, dr Besmens)

Open reduction and K-wire fixation of proximal CMC5 fracture (R.v.S., 06.05.2019, Dr Ehrling)

Transscafoidal perilunar luxation, screw- and K-wirefixation (W.A.A., 27.05.2019, Dr Ehrling)

CARD distal radius osteotomy (L.M. 05.06.2019, Dr Meszaros)





Percutanous intramedullary headless screwfixation of metacarpal fracture (J.L.W 03.05.2019 Dr Besmens)

Intramedullary K-wire nailing of subcapitular fracture MC5 (F.M., 20.05.2019, Dr Guidi)

Bennetfracture multifragmentary with K-wire fixation (G.G, 15.05.2019, Dr Guidi)

Ligamentotaxor for complex PIP-fracture (A.M. 20.05.2019, Dr Guidi)

Secondary surgery correcting rotational deformity in plate fixated fracture MC4 (A.B., 31.05.2019, Dr Ehrling)

Plate fixation MC4 (A.B. 05.06.2019, Dr Ehrling)

#### **Tendons**

FDP avulsion fracture (Ledet and Packer 4) with K-wirefixations and pullout button (S.H. 17.05.2019 Dr Guidi)

Distal biceps repair with Arthrex bicepsbutton and PIN-exploration (H.G. 03.05.2019, Dr Guidi)

Complex WALANT tenolyse after hand replantation (M.C. 06.05.2019, Dr Ehrling)

#### Flaps

Gracilis to foot (P.M., 17<sup>th</sup> of June, Dr Calcagni)

Dorso-commisural flap for distal dorsal defect dig 1 (E.V. 24.05.2019 Dr Calcagni)

Homodigital reverse islandflap dig 3 for distal dorsal defect (H.S. 24.05.2019 Dr Calcagni)

Reversed eponychial flap dig 1, sek reconstruction after burn (R.E. 17.06.2019 Dr Meszaros)

#### Osteoarthritis

Schecker prosthesis (E.F., 26.04.2019, Dr Meszaros)

Cap-flex (KLS Martin) replacement arthroplasty of PIP-joint dig 5 (K.S., 08.05.2019, dr Meszaros)

Four corner fusion (M.F., 15.05.2019, Dr Meszaros)

Trapezectomy and APL ligamentoplasy for CMC1-arthrosis (M. T-P., 20.05.2019, dr Pasteur)

#### Nerves

Reaxon nerve guide wrapping of Ulnar nerve (M.C. 06.05.2019, Dr Calcagni)

Superficial radial nerve neurolysis with Avance nervgraft and fascia only radial perforator (A.Q., 29.04.2019 dr Calcagni)

N. Tibialis reconstruction with Suralis graft (A.E. 13.05.2019, Dr Calcagni)

#### **Tumors**

Wide excision of Synovial sarcoma of lower arm with ECRL to FPL transfer (J.K. 16.04.2019 Dr Calcagni)

## Others

Nano- and microfat scartreatment (L.A. 31.05.2019, Dr Calcagni)

Littler 2 - reconstruktion of Swan neck deformity (J.G., 17.05.2019, Dr Calcagni)

PIP Arthrolysis

2 Dupuytrens fasceictomy

Burn injury with approx. 20% covering both hands dorsal and thighs – revision and split skin (30.04.2019 Dr Waldner)

Department of Plastic Surgery and Hand Surgery

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To whom it may concern

Zurich, June 23th, 2019

Confirmation Visit of Martin Roginski, MD, born May 24<sup>th</sup>, 1986

We hereby confirm that Martin Roginski joined our Department of Plastic, Reconstructive and Hand Surgery at the University Hospital Zurich as a visiting surgeon without wage during the period from April 15<sup>th</sup> to June 23<sup>st</sup>, 2019.

Kind regards,

Pietro Giovanoli, MD Professor and Chairman Pietro Giovanoli MD
Professor and Chairman

Maurizo Calcagni MD Senior Staff

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