

Surgical anatomy of nerve lesions in the upper limb

Leiden University Medical Center

Course description/overview

During this two-days hands-on dissection course you will learn how to expose all the major nerves of the upper limb. The relation of the median nerve to the carpal tunnel syndrome, and the ulnar nerve to the cubital tunnel syndrome and Guyon's canal will be studied. You will gain experience in neurolysis and transposition. Furthermore, the approach of both the supraclavicular as well as the infraclavicular part of the brachial plexus will be practised and all elements will be identified. Specific nerve transfers can be practised on request. Additionally attention will be paid to the course of the main vessels.

The course consists of four half-day sessions. Each session starts with a brief theoretical introduction. The practical part of the training will start with a short cadaver surgical demonstration. Subsequently, participants will dissect themselves under the supervision of an experienced staff.

Prior to the course all participants will receive the course manual. The course will be English spoken if non-Dutch speaking participants will attend.

Target audience

This course is meant for neurosurgeons, orthopaedic surgeons, plastic surgeons, general surgeons and for those who are in training for one of these specialties.

Course fee

The total course fee is € 1,250.00.

Venue

Leiden University Medical Center (building 2, room T0-22 and the skills lab)
Eindhovenweg 20
2333 ZC Leiden
The Netherlands

Registration

Participants should register online and pay their participation fee through the website: www.boerhaavenascholing.nl.

Terms and conditions can also be found on our website.

The maximum number of participants is 24.

Program

Thursday 4 October 2012

- 09.00 Registration and coffee
- 09.15 Introduction
M.J.A. Malessy
- 09.30 Incision and surgical anatomy of median and ulnar nerve in distal lower arm
H. Coert
- 10.00 Carpal tunnel syndrome: preparation of the median nerve in the carpal tunnel.
Guyon-entrapment: preparation of the ulnar nerve in the carpal tunnel
- 12.30 Lunch
- 13.30 Incision and surgical anatomy of cubital tunnel entrapment and transposition
M.J.A. Malessy
- 14.00 Volar transposition of ulnar nerve in cubital fossa trajectory
- 15.30 Coffee and tea
- 15.45 Incision and surgical anatomy of radial nerve
R.G.H.H. Nelissen
- 16.15 Radial neurolysis at intermuscular lateral septum and supinator muscle

Friday 5 October 2012

- 09.00 Incision and surgical anatomy of supraclavicular brachial plexus
W.J.R. van Ouwerkerk
- 09.30 Exploration of supraclavicular brachial plexus including spinal nerve C4 and phrenic nerve
- 11.00 Incision and surgical anatomy of accessory nerve
M.J.A. Malessy
- 11.15 Exploration accessory nerve
- 12.30 Lunch

- 13.30 Incision and surgical anatomy of infraclavicular brachial plexus
W. Pondaag
- 14.00 Exploration of infraclavicular brachial plexus brachialis including subclavial artery and vein via transpectoral approach and additional exploration of axillary fossa
- 15.45 Coffee and tea
- 16.15 Overview brachial plexus: removal of clavícula, exploration of continuity of infraclavicular en supraclavicular brachial plexus with overview of major vasculature
- 17.00 Discussion clinical aspects, pitfalls, complications - and drinks
M.J.A. Malessy