



SYMPOSIUM DE L'INSTITUT DE LA MAIN 2023

PRELIMINARY PROGRAMME

NERVE
TRANSFERS
in the
Upper Limb

P A R I S
May 26-27

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Scientific Committee

Caroline LECLERCQ
Jean-Noël GOUBIER
Alain GILBERT

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WELCOME MESSAGE

Dear colleagues, Dear friends

For the first time in the near 40 years history of the Institut de la Main, we had to interrupt our Symposia for two years, because of the world's health situation.

It is therefore a particular pleasure for us to introduce our coming Symposium, which will be dedicated to a very topical subject: Nerve transfers in the Upper Limb.

Nerve transfers have been described more than a century ago, but their use had remained largely confidential until the turn of the century, where they started being used more widely, especially in brachial plexus surgery. Thanks to a better understanding of their mode of action, their indications have been refined, allowing more reliable results. They have been used increasingly, first in the Upper Limb and then in the lower limb.

Their range of applications has now widely expanded, to include peripheral nerve trauma and their sequelae, tetraplegic Upper Limb, spasticity, neuromas...

Some indications however remain controversial.

During the Symposium, a large international Faculty of experts will report their experience through lectures, technical videos, contradictory debates and discussions with the audience.

Welcome to Paris!

Caroline LECLERCQ
Alain GILBERT
Jean-Noël GOUBIER

FRIDAY,
26 MAY

NERVE TRANSFERS in the Upper Limb

PROGRAMME OF
THE SYMPOSIUM
symposium-institutdelamain.com



INSTITUT DE LA MAIN

7:30 **Registration**

8:00 **Welcome C. Leclercq**

1. HISTORICS

- Nerve transfers: are they really new? • A. GILBERT

2. PRINCIPLES OF NERVE TRANSFERS

Moderator: J-N. GOUBIER

- State of the art: requirements for a successful nerve transfer • J. BRAGA SILVA
- End to end /VS end to side: the concept of surcharge • B. BATTISTON
- Brain plasticity after nerve transfers • M. SOCOLOVSKY
- Late transfers • P. RAIMONDI, A. GILBERT

* Lecture : Clinical examination: a decisive step • F. TEBOUL

3. IMAGING / EMG studies:

How much help can we expect from them?

Moderator: J-N. GOUBIER

- Pre-operative EMG: Can this muscle be reinnervated? • P. PARISER
- Pre-operative MRI: Can this muscle really be reinnervated? • B. CHEVRIER
- MR neurography • D. BINAGHI
- Intra-operative nerve recording • J. CASANAS

4. NERVE TRANSFERS IN PERIPHERAL NERVE INJURIES

Moderator: F. TEBOUL

VIDEO TECHNIQUES (5 mn each)

- Radial to axillary nerve: anterior approach / posterior approach
- AIN to ulnar nerve
- Median to radial nerve

- Radial palsy: Face to face: nerve transfer / VS triple tendon transfer • B. BATTISTON VS M. MERLE
- Ulnar palsy: Ulnar nerve repair by median nerve branches • B. BATTISTON
- Median palsy: sensory transfers? • E. KRAUSS

Nerve transfers in iatrogenic lesions: Why?

- Axillary nerve injury • P. VALENTI
- Spinal nerve injury • F. TEBOUL
- Oncologic defect • D. POWER

* Lecture: Specifics of rehabilitation after nerve transfers • A. STURMA

5. MISCELLANEOUS

- Complications of COVID 19 prone ventilation • D. POWER
- Nerve transfers for painful neuromas • M. GEARY
- Parsonage -Turner : is there an indication for nerve transfers ? • J. CASANAS

*Lecture: Pitfalls in nerve transfers • P. RAIMONDI

6. NERVE TRANSFERS IN ADULT BRACHIAL PLEXUS PALSIES

Moderator: J-N. GOUBIER

A. Shoulder and elbow

VIDEO TECHNIQUES (5 mn each)

- Spinal to supra-scapularis: anterior approach / posterior approach
- Elbow flexion: double transfer
- Elbow extension: intercostal nerves

- Surgical anatomy of the spinal nerve • Z.DAILANA
- Spinal to supra-scapularis: what's new? • W.PONDAAG
- External rotation in total Shoulder Palsy - Face to face: Spinal to SS / VS shoulder arthrodesis • J. BAHM, M. CHAMMAS
- When to perform a rhomboid nerve transfer? • J-N. GOUBIER
- Elbow flexion - alternatives to ulnar to biceps transfer? • W. PONDAAG
- Elbow extension: is it necessary? Which transfer? • C. ECHALIER, J-N. GOUBIER
- Why do I continue using the phenic nerve? • M. SOCOLOVSKY
- Should we continue to use CC7 transfer? • A. BATHIA

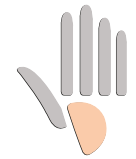
B. Wrist and hand

- Distal nerve transfers in brachial plexus palsies • B. BATTISTON

SATURDAY,
27 MAY

NERVE TRANSFERS in the Upper Limb

PROGRAMME OF
THE SYMPOSIUM
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INSTITUT DE LA MAIN

8:30

Welcome

7. NERVE TRANSFERS IN OBP

Moderator: A. GILBERT

J. BAHM, J. CASANAS, J. CLIFTON, Z. DAILANA, W. PONDAAG, P. RAIMONDI, S. VALBUENA, M. SOCOLOVSKY, D. ZLOTOLOV

- Is it logical to advocate nerve transfers if there is no root avulsions? •
- Nerve transfers for shoulder abduction: are they efficient? •
- What is the best moment to perform nerve transfers for shoulder external rotation? •
- Nerve transfers for elbow flexion: are they as powerful as nerve grafts? •
- Is there a place for medial pectoral nerve transfer for recovery of elbow flexion? •
- Nerve transfer for elbow extension: can we use intercostal nerves in children? •
- Distal nerve transfers: when to use them? •
- Nerve transfers for wrist and finger extension: are they better than tendon transfers? •
- Nerve transfers for finger flexion: for which patients? •
- Nerve transfers for sensory recovery: are they useful? •
- Until when is it possible to propose nerve transfers in delayed obstetrical palsy? •

8. NERVE TRANSFERS IN TETRAPLEGIA

Moderator: C. LECLERCQ

VIDEO TECHNIQUES (5 mn each)

- Teres Minor to triceps
- Supinator to PIN (SPIN)
- ECRB to AIN

- Face to face: tendon / VS nerve transfers • VR. HENTZ, J. FRIDEN
- Mapping of the injured zone and indications • B. COULET
- Nerve transfers for the triceps? Which and when? • S. PICKARD
- When is it safe to use the ECR nerves? • N. VAN ZYL
- ECRB to AIN: Is this strong enough? • D. LEWIS
- The SPIN: a winner • C. LECLERCQ
- Supinator to AIN (S-AIN) as alternative to SPIN for higher level tetraplegia • D. ZLOTOLOW
- Building a strategy for the complete AIS A patient • N. VAN ZYL
- Long term results • N. VAN ZYL
- A South-American experience • R. PAULOS
- Late nerve transfers • N. VAN ZYL

* Nerve Transfers in Acute Flaccid Myelitis

- European experience • J. BAHM
- American experience • D. ZLOTOLOW

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9. NERVE TRANSFERS IN SPASTICITY

Moderator: C. LECLERCQ

- CC7 transfer for the spastic patient • W. XU
- A new concept: selective neurectomy and nerve transfer • C. LECLERCQ
- Anatomic feasibility of nerve transfers in the spastic Upper Limb • C. JALOUX, N. BINI
- The dPT: a versatile donor • B. DUFOURNIER, M. MAGNANI

10. MISCELLANEOUS

- Arthrogyposis • J. BAHM
- Co-contractions and nerve transfers • (TBC)
- Concept of Targetted Muscle Reinnervation and application to the Upper Limb • L. HARHAUS
- Nerve transfers in the lower limb: why isn't the outcome similar? • N. STURBOIS-NACHEF

11. THE FUTURE OF NERVE TRANSFERS

A. GILBERT

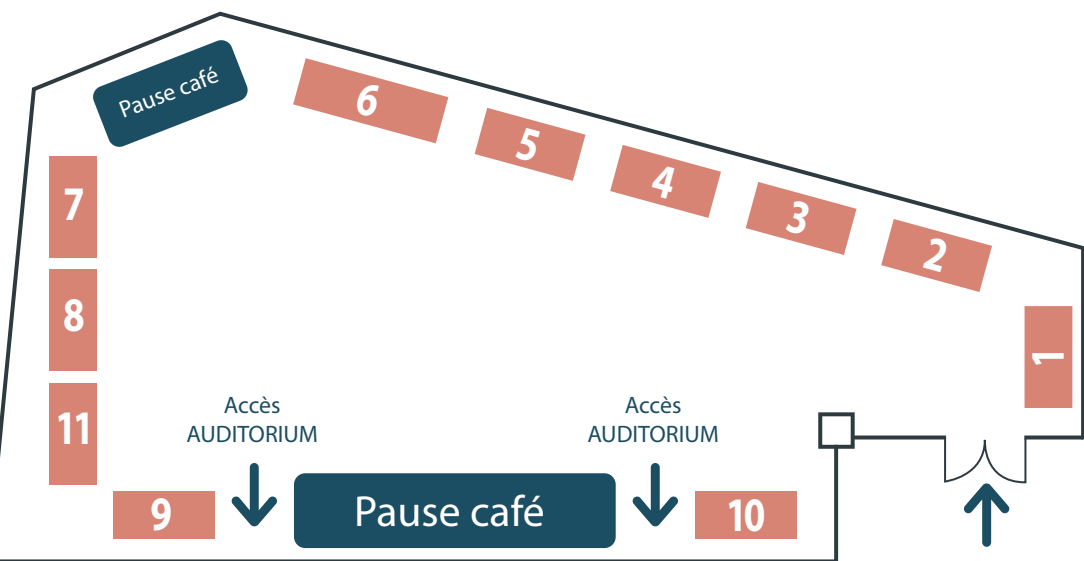
17:00-17:30

Closure of the Symposium

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EXHIBITION AREA



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NOTES



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P A R I S
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GENERAL ORGANIZATION

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