

THE CATHETER AND THE VENTRICLE

Friday 27th

Introduction

C Mottolese

MORNING SESSION 09.30-12.30

Ventricular catheter issues : The placement (surgeon related issues)

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| 1. Placement related issues : spectrum of possible suboptimal results | O Klein |
| 2. Placement related issues to a suboptimal result | WT Seow |
| 3. What is the ideal target | L Massimi |

Discussion S Sgouros, T Roujeau

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| 4. Advantages and disadvantages of frontal placement | L Riffaud |
| 5. Advantages and disadvantages of parieto-occipital placement | K Shimoji |
| 6. Does the type of hydrocephalus influence the decision ? | A Kulkarni |

Discussion U Thomale, N Chivoret

7. **Round table** : How I do decide.
Moderator : T Roujeau

12.30-14.30 HANDS ON session 1

AFTERNOON SESSION 14.30-17.00

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| 8. How to get there : anatomical landmarks | PA Beuriat |
| 9. How to get there : other landmarks | M Vinchon |
| 10. How to get there : assistance tools : US | M Schuhmann |
| 11. How to get there : assistance tools : neuronavigation | C Mallucci |
| 12. How to get there : assistance tools : Thomale guide | U Thomale |
| 13. How to get there : assistance tools : robotic guidance | S Goutagny |

14. **Round table** : When to use guidance tools : always or in selected cases

Moderator : C Di Rocco

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| 15. How to get there : surgical training models | F Di Rocco |
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17.00-19.00 HANDS ON session 2

Saturday 28th

MORNING SESSION 08.00-12.30

8.00-10.00 HANDS ON session 3

SFNCP staff

Presentation of ESPN Chiari registry

« Meet the experts » session

12.30-14.30 HANDS ON session 4

AFTERNOON SESSION 14.30-19.00

14.30-16.30

CMR Craniostenoses staff

Protocole suivi scapho

Codage

Registre complications

17.00-19.00 HANDS ON session 5

Sunday 29th

-MORNING SESSION

8.00-10.00 HANDS ON session 6

10.30-11.00 Medico-economical issues of catheters and valves. Are these devices sustainable for the companies. M Vinchon & all companies

11.00-11.30 The associations point of view on Catheter related issues and research, and devices accessibility

11.30-13.30 The catheter (catheter-related issues)

1. Bactiseal ? when and why ? always A Szathmari
Selected cases M Messing Juenger
2. Catheter properties (material)-Surgeon and companies point of view S Sgouros
Integra Codman
Sophysa
Miethke
3. Catheter design (shape and holes) Surgeon and companies point of view M Schuhmann
Integra Codman
Sophysa
Miethke
4. The distal catheter role (length, holes) Surgeon and companies point of view G Tamburrini
Integra Codman
Sophysa
Miethke
5. The Reservoir. Is it needed ? Surgeon and companies point of view J Kestle
6. The ideal catheter Surgeon and companies point of view Round table
Moderator : A Kulkarni