Normal Pressure Hydrocephalus management in Scotland - an Update Symposium

Friday 24th April 2026

Apex Dunblane Hydro Hotel

AIMS

This course aims to raise awareness and enhance clinical understanding and management of idiopathic Normal Pressure Hydrocephalus (iNPH). The symposium will focus on diagnostic options, evidence-based management strategies, and networking to support the development of future iNPH care pathways in the various Scottish regions.

WHY IS THIS IMPORTANT?

NPH is a treatable condition that often presents as a diagnostic challenge and can be mistaken for Alzheimer's or Parkinson's disease. Early recognition and appropriate intervention in well selected patients, can transform patient lives by restoring mobility. With an aging population, a renewed focus on NPH diagnosis and management will help with identifying those potentially suitable for further management.

This symposium will provide an expert update on evidence-based iNPH care pathways. Raising awareness, sharing best practice, and connecting clinicians will help reduce diagnostic delays and improve consistency in care. Increased clinician knowledge will allow for timely referrals, appropriate investigations, and access to treatments – such as shunt procedures – that can lead to very good outcomes for patients.

This course will provide a platform for an updated understanding of iNPH and a collaborative network that can encourage improvements in patient outcomes across Scotland.

OBJECTIVES

By the end of the course, participants will:

- Review the clinical presentation and diagnostic criteria for iNPH, including differentiation from other neurodegenerative disorders.
- Understand the investigation pathway, and their role in confirming diagnosis.
- Examine current best practices in NPH management from centres with an established NPH multi-disciplinary service and consider applicability within Scottish services.
- Discuss challenges and opportunities for creating structured referral and treatment pathways.
- Build professional networks to support multidisciplinary collaboration and future service development.

LEARNING OUTCOMES

Participants will:

- Identify hallmark symptoms and diagnostic red flags for iNPH.
- Apply evidence-based diagnostic algorithms to clinical scenarios.
- Evaluate surgical and non-surgical treatment options, including patient selection criteria for shunt surgery.
- Discuss case studies to understand practical management considerations.
- Collaborate with peers to outline steps toward pathway development and improved patient access.

*programme subject to change

LOCAL ORGANISING COMMITTEE

Mr Jothy Kandasamy | Consultant Neurosurgeon | NHS Scotland – course director

INVITED SPEAKERS

Mr Ahmed Toma | Consultant Neurosurgeon | National Hospital for Neurology and Neurosurgery (NHNN), Queen Square, UCLH NHS Foundation Trust

Professor Jan Malm | Professor of Neurology at Department of Clinical Sciences, co-leader of the hydrocephalus research group | Umeå University, Sweden

Mr Rupert Node | Consultant Neuropsychologist | University Hospitals Plymouth NHS Trust

Mr Santhosh G. Thavarajasingam | Neurosurgical Academic Trainee | University Medical Centre Mainz, Germany Imperial Brain and Spine Initiative, London, UK

PROGRAMME*

09:00	Registration, refreshments and exhibition	
09:30	Welcome and introduction	Jothy Kandasamy
09:35	Current UK NPH Landscape	Ahmed Toma
10:00	The Swedish NPH Registry – what does it tell us?	Jan Malm
10:30	Current German NPH Landscape and Registry	Santhosh G. Thavarajasingam
11:00	Refreshments and exhibition	
11:15	NPH Patient Selection after the PENS trial	Jan Malm
11:45	NPH and Surgery	Ahmed Toma
12.00	Value of the MDT in NPH	Rupert Node
12:20	Application of AI in NPH	Santhosh G. Thavarajasingam
13:00	Lunch and exhibition	
14:00	Case study examples and discussion	Chairs – David Anderson / Jothy Kandasamy
15:00	Refreshments and exhibition	
15:15	Case study examples and discussion	Chairs – Rupert Noad / Jothy Kandasamy
16:30	Summary and Close of course	

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