

# Christoph Miethke GmbH & Co. KG

<http://www.miethke.com/>

The Christoph Miethke GmbH & Co. KG develops, produces, and distributes neurosurgical [products](#) for the treatment of [hydrocephalus](#).

[Aesculap](#) and MIETHKE have been working together since 1993.

## Products

[Adjustable valves](#)

[M.blue](#) & M.blue plus

[proGAV](#) 2.0

proGAV

proSA

[Preadjusted valves](#)

GAV 2.0

SA 2.0

GAV

paediGAV

SA

miniNAV

DSV

[Sensor technology](#)

[M.scio](#)

ICPicture

## Instruments

Adjustment Instruments

THOMALE GUIDE

Tunneller

## Accessories

Valve Board

XABO

Catheter

Reservoirs

Prechambers

Titanium Connectors

Deflectors

## Digital Applications

HC&ME App

MIETHKE App

Thomale Guide App

XABO® XTRA PROTECTION AGAINST INFECTION XABO is an antibiotic-impregnated catheter for hydrocephalus treatment.

HC&ME APP LEARN MORE ABOUT THE OWN HYDROCEPHALUS The HC&ME App is a digital hydrocephalus diary that allows you to comprehensively document your life with hydrocephalus and everyday life with a shunt.

Download now for free:

Are toys with magnets a concern if my child is wearing a MIETHKE valve?

Father of a Patient, 2 years old

Can I do intensive sports with my MIETHKE valve, also competitive sports?

Patient, 29 years old

Which materials are MIETHKE valves made of?

Patient, 68 years old

Find the answers to your questions here

A LOOK INSIDE OUR COMPANY

## BECOME A PART OF OUR TEAM

MIETHKE Journal The MIETHKE Journal is a platform for a broad spectrum of technologies and questions that doctors and patients inevitably encounter at some point in the treatment of hydrocephalus with shunt systems. Hydrocephalus is our topic. Every day.

## Valves

Miethke valves

SENSOR RESERVOIR.

The MR-compatibility of medical implants and devices becomes more and more important with the increasing number of high-field MR-scanners employed. Until the end of 2004, about twenty 3T MR in Germany will be in clinical practice. Patients with hydrocephalus need frequent follow-up MR-examinations to assure correct functioning of a shunt. We tested three types of gravitational valves: the Paedi GAV, the Dual Switch and as a new programmable valve the proGAV (Miethke Company, Berlin), that have not been evaluated at 3T, yet. In sum, there is strong evidence for maintenance of function of these valves after exposure to 3T. This also implies the programmable valve, as long as the brake mechanism is properly adjusted during MR-examination <sup>1)</sup>.

<sup>1)</sup>

Lindner D, Preul C, Trantakis C, Moeller H, Meixensberger J. Effect of 3T MRI on the function of shunt valves–evaluation of Paedi GAV, Dual Switch and proGAV. Eur J Radiol. 2005 Oct;56(1):56-9. doi: 10.1016/j.ejrad.2005.03.029. PMID: 16168265.

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