



# HYPNOR

## Medical hypnosis through Virtual Reality



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HypnoVR is a solution, which makes the benefits of **medical hypnosis** accessible to the greatest number thanks to **virtual reality**. HypnoVR makes it possible to offer an **immersive, multi-sensory experience** in the **treatment of pain, stress and anxiety**.



**Intended for health professionals and health-care institutions.**

With HypnoVR you can respond to your patients' expectations, reduce anaesthesia risk, reduce the time spent in the recovery room and optimise the health care pathway.



**Designed by two intensive care specialist anaesthetists and hypnotherapists, Drs. GRAFF and CHAUVIN**

to facilitate the practice of medical hypnosis, the benefits of which have been reported in many scientific publications - INSERM U1178.



**Proven clinical efficacy, thanks to several clinical studies** during the past 3 years, in several therapeutic indications, including paediatric surgery, orthopaedics, gynaecology, functional physiotherapy, gastro-endoscopy and palliative care.



**Reduce pain, stress and anxiety in patients in anaesthesia care or during painful medical procedures.**

Used in more than 100 health services in France and abroad. Before, during or after a medical procedure, HypnoVR software combines hypnotic techniques and the immersive scope of virtual reality.

Thanks to HypnoVR all health professionals may offer a tailor-made experience depending on the therapeutic indications and the sensitivity of each patient.

**An innovative Class I medical device**

**Simple and personalised**

Select the visual and musical universe, the duration, a hypnotic text suitable for your procedure and start the software in less than 30 seconds.

**A device adapted to each patient**

The HypnoVR software is a solution complementary or alternative to chemical treatments.



**Total immersion**

Thanks to virtual reality headset technology and the different musical atmospheres based on music therapy.

**Remote control**

The Android and iOS compatible HypnoVR companion app makes possible remote control of the hypnosis session within the VR headset.

**Clinically demonstrated effectiveness**

**Three years of research, many clinical studies presented and in progress**

**Paediatric surgery - scoliosis surgery (1)**

Strasbourg University Hospital

- 45%** Morphine consumption
- 63%** Anxiolytic consumption
- 40%** Post-operative pain
- 21h** Hours accelerated recovery

**Gynaecology - puncture for oocyte retrieval (2)**

Centre Médico-chirurgical Obstétrique - Strasbourg

- 90%** Increased comfort
- 95%** Wish to repeat the experience

**Paediatric anaesthesia - implanting an implantable injection chamber (3)**

Hôpital de Hautepierre - Strasbourg

- +5** Post-operative nausea
- 72%** Length of stay

**Urology - insertion/ablation double-J stent (4)**

East Parisian University Hospitals

- 100%** Patients recommend HypnoVR
- 100%** Satisfaction rate

**Extracorporeal lithotripsy**

- 93%** Patients recommend HypnoVR
- 93%** Satisfaction rate

**Vascular surgery - phlebectomy (5)**

Louis Paster clinic Essey-lès-Nancy

- 100%** Satisfaction rate

**Paediatric odontology - Dental surgery (6)**

Faculty of Dental Surgery - Strasbourg

- 45%** Pre-operative anxiety

(1) Effect of virtual reality hypnosis on postoperative pain and morphine consumption after surgery for scoliosis: a retrospective evaluation in children. Guilbert. Poster ANES 2018.  
 (2) «Pilot study for the use of hypnosis in virtual reality during oocyte puncture». Vinee. Poster JFH2019.  
 (3) Influence of virtual reality hypnosis support on anesthesia technique for implantable port day case surgery. Arat. Poster ASA 2019.  
 (4) «Use of a virtual reality device during extracorporeal lithotripsy for the treatment of urinary calculi and the ablation of the double-J stents». Traxer. Présentation CFU2019.  
 (5) «Use of virtual reality hypnosis in the treatment of superficial venous insufficiency». Koenig. University diploma 2019  
 (6) «Virtual reality procedure for the management of the anxious patient». Claus. Présentation SFOP2018.

