Fibermetrix

IVIscan®

Intelligent solution to manage ionizing risks
CT scanning

Perfect alliance between an ultra-sensitive and connected state-of-the-art technology and an intelligent interface for remote monitoring of delivered doses and the scanner: the IVIscan® solution is perfectly integrated into the clinical routine and requires no action from your teams.

Learn how the IVIscan® solution allows you to improve your X-ray risk management at every stage of an examination and meet your regulatory obligations.

PATIENT'S RECEPTION

- Automatic Patient history alerts in real time
- Patient's follow-up
- Comparison with usual practices

CT SCAN EXAMINATION

- Visualization of irradiation
- Real-time dosimetric alerts
- Evaluation practices in real time

AFTER THE EXAM

- DoseMap: Local CTDIvol map
- Dose reports IVIscan® and scanner
- Automatic dose reporting

QUALITY CONTROLS & MONITORING

- Automatic image analysis
- Automated quality control reports
- Monitoring of the X-ray tube

A true turnkey solution, IVIscan® adapts to all establishments and manufacturers to bring you more serenity in your practices.

From
150 $ ex VAT / month

Any question? Contact us!
sales@fibermtrix.com
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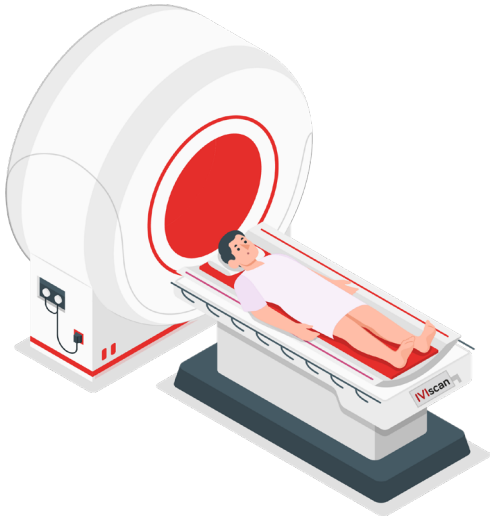
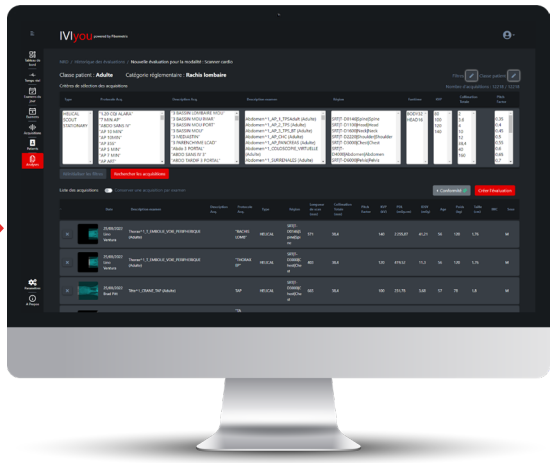
Measuring doses and more!

IVIscan®

IVIyou®



Data transfer



An accurate and all-inclusive dosimeter

- Permanently installed
- Real-time measurement
- Scintillating fiber technology – 2m long probe
- Multi-manufacturer solution
- Generate DICOM SR with measured data
- Compatible RIS, Dose management software, etc.

Analysis at your fingertips

- **Diagnostic Reference Levels** in 1 click
- Easyness for **Internal Quality Controls**
- Improved patient follow-up
- Enhanced CT scanner monitoring
- **Training** and awareness of professionals
- Strengthened **radiovigilance**
- Contribute to the dose and practices **optimization**

The benefits of the IVIscan® solution

- Autonomous and connected : works by itself and all the time
- Discreet : « invisible » for the patient and the diagnosis
- Essential : able to perform the quality controls of wide beam CT scanner
- Integrated into the daily clinical routine and the quality assurance process

DOSIMETER SPECIFICATIONS
Scintillating optical fiber technology

Dose	1µGy – 1,8 kGy – Résolution 0,02 nGy
Dose Length Product	0,2 mGy.cm – 360 kGy.cm
Dose rate	1µGy/s – 250 mGy/s Résolution 0,02 nGy/ms
Time resolution	1 ms
Energy dependance	<1% avec compensation automatique à 70 - 150 kV (qualité de faisceau RQT, RQR, RQA et N)
Reference beam	RQT9 - 120 kV, HVL 8,4 mm Al

SOFTWARE REQUIREMENTS
IVIyou® Interface

Compliance	GDPR*
Accessibility	Intranet
Network	CT Scanner Dosimeter Internet
Recommended web browsers	Mozilla Firefox Google Chrome
Users	Personalized access

The reference conditions are given with reference to standard IEC61674.
The device carries the CE mark in accordance with European Council directive 2014/35/UE, 2014/30/UE, 2014/53/UE and 2011/65/UE.
*European General Data Protection Regulation