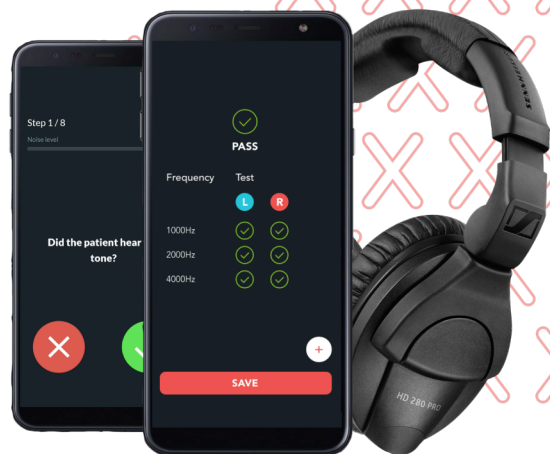# hearScreen®

WHAT IS HEARSCREEN®?

A cost-effective clinically-validated audiometry solution for hearing screening from a smartphone. A user-friendly design, automated test protocols and quality control features allow minimally trained persons to conduct fast and accurate hearing screenings.

USE HEARSCREEN® FOR

CLINICAL SCREENINGS

Ideal for hearing screenings in hospitals, private practices and clinics. Clinically valid, paperless screening with easy access to pre-formatted reports.

SCHOOL OR WORKPLACE SCREENINGS

Affordable in-house hearing screenings at schools or workplaces.

COMMUNITY SCREENINGS

Accurate hearing screenings in community-based contexts that can be facilitated by people with minimum healthcare training.
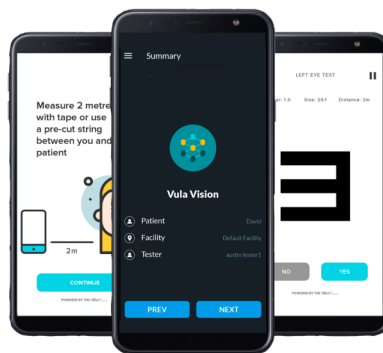
DIGITAL AI OTOSCOPY (ADD-ON)

Use your hardware with the hearScope digital otoscope to capture images of the eardrum and ear canal with the option to enable the AI image classification feature for an instantaneous pathology classification.

Note: The AI feature is currently in Beta-testing and should only be used for research purposes.

VISION SCREENING (ADD-ON)

Use your hardware with the Vula Vision software to screen a patient's visual acuity at a distance.

AVAILABLE IN **ENGLISH, SPANISH & FRENCH**

BENEFITS & FEATURES

⏱ TIME-EFFICIENT
Hearing screening in less than 2 minutes.

☰ CUSTOMISABLE PASS/REFER CRITERIA
Default and customisable settings based on screening frequencies and intensities.

🔧 ADJUSTABLE PROTOCOLS
Customisable screening intensities for adults and children.

▮▮ THRESHOLD TRACKING
Optional re-screen and severity screening for threshold tracking to determine hearing loss classification.

❗ ENVIRONMENTAL NOISE MONITORING
Real-time monitoring of ambient noise to alert the user of environmental noise concerns.

💲 COST-EFFECTIVE
Decrease screening costs by >50% and perform more tests in less time.

➕ CLINICALLY VALID TESTS
Evidence-based with calibrated headphones.

☁ DIGITAL DATA MANAGEMENT
Patient, test and facility data consolidated instantly on a secure online database, mHealth Studio Cloud.

"hearScreen® is an excellent low-cost smartphone-based screening audiometer. It enabled our audiology department to provide more efficient hearing screening services to school children and adults." **- MESHACK MOEPENG,** Audiologist, Bamalete Lutheran Hospital

TECHNICAL SPECIFICATIONS

Pure tone test frequencies | 0.5 to 8 kHz
Rise/fall time | ~35 ms
Total harmonic distortion | <2%
Test intensity levels | 20 to 70 dB HL

Use this secure cloud portal to enable remote support, patient counselling, assistance and reporting. All test data seamlessly integrates with the secure cloud-based data management system.

MHEALTH STUDIO CLOUD

FDA Compliant | CE Certified | TGA Certified | ISO 13485 Certified | SAHPRA Registered | HIPAA Self_declared | POPIA Self-declared

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