

vet·wave®

MAKING EAR EXAMINATIONS EASIER

The first **screening**
and **diagnostic device**
for the functional evaluation
of the **tympanic membrane**
and **middle ear**



by **neuranix**

The clinical challenge

Otitis Externa and Otitis Media, alongside an abnormal or ruptured tympanic membrane, represent an important case load

Otosopic examination may not always be easy and detailed in every case.



Important to know the integrity of the tympanic membrane and middle ear^{2,4,5}

Up to **20%** of patients have **otitis externa**¹

Up to **85%** chronic otitis externa cases can have **concurrent otitis media**²

In **72%** of cases, **tympanic membrane** can be **difficult to visualise**³



References

1. Saridomichelakis MN, et al, Vet Derm 2007; 2. Reinbacher E, et al, Vet Ani Sci 2020; 3. Harvey RG, et al. Cremona 2002; 4. Cole LK, et al, J Am Vet Med Assoc 1998; 5. Garosi LS, et al, Vet Clin N Am 2012.

The solution

vet-wave® helps improve the clinical diagnosis

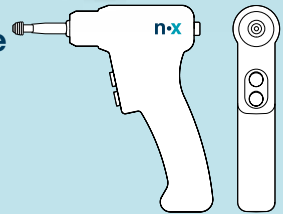
Provides functional information on the tympanic membrane and confirmation of potential middle ear disease

an integral part of all ear examinations



vet-wave® Screen & Examine any ear disease in puppies, adults and senior dogs

- Screen healthy or diseased ears
- Provides additional clinical information for further decision making and patient care



01 TO CONFIRM
are the eardrum and middle ear physiologically normal or pathological?

02 TO LOCALISE
is the dysfunction located with the tympanic membrane or middle ear?

03 TO IDENTIFY
next steps for a diagnosis

The result

Clinical information provided by **vet-wave®**

vet-wave® Diagnostic Classifications	>>	Differential Diagnosis requiring further clinical work-up and testing
Normal physiological condition	=	Normal tympanic membrane and middle ear
Tympanic membrane perforation	=	Ruptured eardrum
Middle ear pathology with augmented rigidity of tympanic membrane	=	Otitis media / Neoplasia of the middle ear Otic inflammatory polyps / Tympanosclerosis / Cholesteatoma
Middle Ear Pathology with reduced rigidity of tympanic membrane	=	Tympanic flaccidity / Tympanic reflex absent Potential foreign body / Ossicle dislocation

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MAKING EAR EXAMINATIONS EASIER

Innovative technology for easy, fast,
and reliable results

Provides objective clinical data
to aid patient care for ear diseases
in puppies, adults and seniors

Provides support in moving
even further from reactive
to proactive preventative healthcare

Provides an additional screening step
to increase your clinic's income
and further expansion of professional
client services

concept by Hangar Design Group

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