

New insights in diagnostic and therapeutic maneuvers for BPPV

Citation for published version (APA):

Bhandari, A. (2024). *New insights in diagnostic and therapeutic maneuvers for BPPV*. [Doctoral Thesis, Maastricht University]. Maastricht University. <https://doi.org/10.26481/dis.20240208ab>

Document status and date:

Published: 01/01/2024

DOI:

[10.26481/dis.20240208ab](https://doi.org/10.26481/dis.20240208ab)

Document Version:

Publisher's PDF, also known as Version of record

Please check the document version of this publication:

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- 1. The simulation model helps the clinician visualize the movement of the displaced crystals within the labyrinth in 3-Dimensions.**
- 2. The simulations of positional tests in BPPV have helped to propose a revised protocol for the sequence of testing.**
- 3. The simulations have aided in visualization of previously described repositioning maneuvers and also in the development of new maneuvers like the modified Yacovino maneuver.**
- 4. A guidance system for BPPV decreases the variability in how BPPV maneuvers are performed.**
- 5. Remote diagnosis and interpretation of vestibular tests can help treat dizzy patients across geographies.**
- 6. Artificial Intelligence and Machine learning integrated with diagnostic equipment enhances the skills of doctors for early and better management of various diseases.**
- 7. 'Digital Twins' of anatomy and physiology of various organs and diseases serve as a tool to discover better treatment protocols.**
- 8. The method and results of this research on BPPV helps in better understanding of the disease, proposing revised diagnostic protocols, identifying new and more accurate treatment methodologies along with tools for educating health care practitioners**