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| Library concerned: UHCW NHS Trust Library and Knowledge Services, CEBIS Team  Name of case study: Effectiveness of the Stenger Measurement  Date of interview: 14th August 2020 | |
| **Interviewee** | Name: Mohshina Zarolia  Job Title: Audiologist  Trust/Employing body: UHCW NHS Trust  Email: [Mohshina.Zarolia@uhcw.nhs.uk](mailto:Mohshina.Zarolia@uhcw.nhs.uk)  Tel: 024 76966444 |
| **Please note: you should only provide interviewee details here if consent**  **to share on the national blog has been obtained** |
| **S****ummary of problem or reason for enquiry** | **Is there any evidence on the effectiveness of the Stenger Measurement test in non-organic hearing loss?**  The Stenger measurement may allow an Audiologist to estimate hearing thresholds in the ‘poor’ ear where a patient presents with unilateral/asymmetric hearing loss. |
| **Brief description of the information found / service provided** | The CEBIS Specialist identified articles on the Stenger check and Stenger measurement and also the evidence of the efficacy of the measurement in the context of other audiology tests. The evidence also reflected how the Stenger check has been a standard test in audiology for many years. |

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| **Summary of outcome and impact** | The work was written into a small literature review, and suggested there is little evidence regarding the use of the Stenger measurement in patients with non-organic hearing loss. The evidence base does not include research with real patients presenting with non-organic hearing loss. There is also no evidence to exclude the Stenger Measurement from the routine test battery. As a result, it was decided that this test may be used alongside a variety of objective tests in many cases. |
| **Immediate Impact**  **(including quotes)** | ‘We recognise that this test is very occasionally used and hence does not lend itself to further study and audit on effectiveness in clinic. After conducting a literature review, the service has now written a Clinical Operating Procedure for this test. The evidence provided by CEBIS provided the background to ensure that we are using the test and the measurement within the wider context of other tests.’ |
| **Probable future Impact**  **(including quotes)** | ‘We will carry out training with the team to ensure that this rarely used test is better understood and that staff are confident to use it in the correct situations.’ |