



Health Technology Review	
Technology Ref.:	HTA23029
Technology Name:	Vestal Device
Approvals by International Bodies:	FDA 510(k) clearance pending (Reference K230826).
Company name:	Neurovalens Limited
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Short Description of the Technology:	Vestal is a low-risk non-invasive, neurostimulation device which consists of a battery-powered headset, designed to transcutaneously deliver low-level electrical energy (neurostimulation) to the vestibular nerves to modulate the activity of the hypothalamus, via the vestibulo-hypothalamic pathway, to reduce body fat and Visceral Adipose Tissue (VAT).
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Health Technology Assessment Team Recommendation:	Disapprove
Summary of Review:	
Use of the Vestal device would have a minor impact on current practices for the treatment of overweight and obesity. Vestal is a very low risk non-invasive medical device, that will be prescribed by physicians and pharmacists, to be available for individuals to use in their home. Use of Vestal, as such, will not impact any current hospital interventions for overweight and obesity.	
Advantages	Disadvantages
Non-invasive, neurostimulation device	Absent of international bodies approval
Ease of use: The device is generally easy to use.	Limited definitive scientific evidence supporting the effectiveness of Vestal device
	Use of the Vestal device would have a minor impact on current practices for the treatment of overweight and obesity
We recommend a disapproval of using this technology for clinical practice at the current time as further research and validation are necessary to fully comprehend the implications and limitations of this technology, ensuring its successful integration into clinical practice.	

Technology Image

