TITAN Guideline Checklist 2025

Topic	Item	Description	Page number
Artificial Intelligence (AI) (some journals may prefer this in the methods and/or acknowledgments section and it should also be declared in the cover letter)	1	**Declaration of whether any AI was used in the research and manuscript development** **State no, if that's the case.** **If yes, proceed to item 1a.**	
	1a	**Purpose and Scope of AI Use** - Precisely state why AI was employed (e.g. development of research questions, language drafting, statistical analysis/summarisation, image annotation, etc). - Was generative AI utilised and if so, how? - Clarify the stage(s) of the reporting workflow affected (planning, writing, revisions, figure creation). - Confirmation that the author(s) take responsibility for the integrity of the content affected/generated	
	1b	**AI Tool(s) and Configuration** - Name each system (vendor, model, major version/date). - State the date it was used - Specify relevant parameters (e.g. prompt length, plug-ins, fine-tuning, temperature). - Declare whether the tool operated locally on-premises, or via a cloud API and any integrations with other systems.	
	1c	**Data Inputs and Safeguards** - Describe categories of data provided to the AI (patient text, de-identified images, literature abstracts). - Confirm that all inputs were de-identified and compliant with GDPR/HIPAA. - Note any institutional approvals or data-sharing agreements obtained.	
	1d	**Human Oversight and Verification** - Identify the supervising author(s) who reviewed every AI output. - Detail the process for fact-checking, clinical accuracy checks - State whether any AI-generated text/figures were edited or discarded. - Acknowledge the limitations of AI and its use	
	1e	**Bias, Ethics and Regulatory Compliance** - Outline steps taken to detect and mitigate algorithmic bias (e.g. cross-checking against under-represented populations).	

		- Affirm adherence to relevant ethical frameworks. - Disclose any conflicts of interest or financial ties to AI vendors.	
	1f	**Reproducibility and Transparency** - Provide the exact prompts or code snippets (as supplementary material if lengthy). - Supply version-controlled logs or model cards where possible. - if applicable, state repository, hyperlink or digital object identifier (DOI) where AI-generated artefacts can be accessed, enabling attempts at independent replication of the query/input.	