RSNA Program Planning and Disclosing Use of AI

AI is recognized as a valuable tool for creating presentations, offering the ability to organize information into engaging, visually compelling slides. While AI has the potential to enhance efficiency and support decision-making, there are important considerations regarding ethical standards, quality control, and the reliability of AI-generated outputs.

- **Reliability of AI Outputs**: AI-generated content may not always align with the scientific rigor and accuracy expected in radiological presentations.
- **Ethical Implications**: Over-reliance on AI could raise ethical questions around authorship, the integrity of abstract reviews, and the originality of presentations.
- **Lack of Transparency**: AI tools operate based on algorithms that may not always be transparent, leading to potential bias or unintentional errors in the final output.

Disclosure Placement and Timing

Presenters must **disclose substantive uses of AI** in the preparation of presentation materials. Experienced clinicians should have oversight and confirm that the recommendations and outputs are accurate, scientifically valid, unbiased, and free of factual errors, or "AI hallucinations."

All learners must be informed when content is created or edited with AI assistance.

Disclosure is required when AI tools are used to generate or substantially contribute to the following:

- Line Drawings: If AI tools were used to generate line drawings.
- Radiology Facsimiles: If radiology images or facsimiles are created or altered using AI.
- Generated Presentation Content: When AI is used to generate substantive text or slide content (e.g., summaries, explanations, data interpretations).

Placement

- At the Start of the Presentation: Presenters must clearly state any substantive use of AI in the creation of their presentation during the opening remarks.
- On Relevant Slides: For slides containing AI-generated line drawings, radiology facsimiles, or generated content, a brief disclosure should appear directly on the slide itself.

Presenters should use clear and direct language when disclosing AI involvement:

- Disclose the name, version, and date of AI tool.
    - ***Provide the AI tool name, version, and date used (DD/MM/YY):*** *(e.g. ChatGPT-4, Claude (Anthropic), Google Gemini, Open evidence, UpToDate AI (if using AI-assisted features)*

- Purpose for which AI was used.
    - ***Purpose of Use:*** *(e.g. drafting text, creating graphics/presentations, literature search)*

    - "Line drawing generated using [AI tool name]."
    - "Radiology image modified with AI assistance."
    - "Slide content generated in part by AI."
    - "Chart created using AI-powered analytics."

Source Attribution

- Images and Charts: Every image, chart, or graphic generated or modified using AI must be accompanied by a source attribution on the slide where it appears. This includes referencing the AI tool, dataset, or platform utilized.
- Other Content: If any substantive content was created or informed by AI, note the source at the bottom of the relevant slide or in a designated reference section.

Privacy and Data Protection

To protect privacy and maintain data security, protected health information (PHI) and personally identifiable information (PII) must not be entered into AI tools. In addition, Faculty permission is required before using AI tools with their content, including uploading, analyzing, or editing materials, to protect confidentiality and intellectual property.

When Disclosure Is Not Required

Routine uses of AI for minor editing tasks, such as grammar checks, formatting suggestions, or concise language refinement, do not require disclosure, provided the presenter maintains full control and review of the final content.

- Grammar and Sentiment Correction
- Slide Design and Formatting

As the role of AI in education continues to evolve, RSNA remains committed to monitoring its use and updating guidance as needed to safeguard learners and uphold the highest standards of educational quality, accuracy, and integrity across all RSNA education and science programming.