Usability and Integration

Below is the entire usability and integration section from the ECLAIR Guidelines

**3.1. How can the application be integrated into your clinical workflow?**

Consider integration with your information technology (IT) platform, check for compliance with ISO usability standards, consider issues related to practical management of the software.

* Cailin is working on this

**3.2. How exactly does the application impact the workflow?**

Identify modifications to bring to your current workflow, identify roles in the new workflow (physicians and non-physicians)

* We are all answering this question by conducting a systematic review and meta-analysis
* We are close to completing our systematic review to identify relevant studies. See UX Articles sheet
* Next, we need to extract the study characteristics. See UX data sheet
* Next we need to determine how to conduct analysis. E.g. TAM/UTAUT, grouping survey results by type of question asked.

**3.3. What are the requirements in terms of information technology (IT) infrastructure?**

Consider on-premise vs. cloud solutions. Identify requirements in terms of hardware and network performance, consider network security issues

* Cailin is working on this

**3.4. Interoperability - How can the data be exported for research and other purposes?**

Check whether the export formats are suitable

* Needs to be assigned

**3.5. Will the data be accessible to non-radiologists (referring physicians, patients)?**

Check whether the form of the output is suitable for communication with patients/referring physicians

* Needs to be assigned

**3.6. Are the AI model’s results interpretable?**

Check whether and which interpretability tools (i.e. visualization) are used

* Needs to be assigned