

Artificial intelligent Clinical Evaluation

AiCE
Solution



What is AiCE and its purpose?



Purpose

The AiCE is an AI assistive tool that shall be used for the literature search and appraisal process.



Background

The manual literature search and appraisal process is time-consuming and has opportunities for errors



Use

AiCE can save 30% of the time, without any compromise on the accuracy of the review process with quality.



Intent

The intent of the AiCE tool is to simplify the literature search and appraisal process with AI Assist

Artificial Intelligent Clinical Evaluation



AiCE offers 3 Levels of Access Roles,



Manager

- Able to plan, assign and track the articles across access levels.
- Create Projects
- Create Users
- Monitors progress



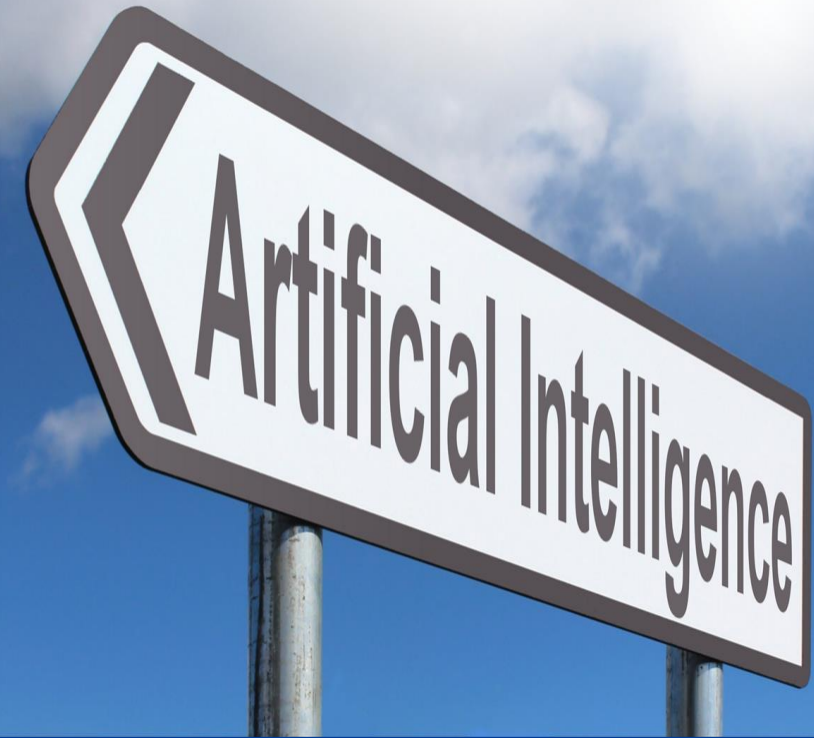
Research

- Receives allocation from the manager
- Access abstract and full-text
- Able to screen, appraise and process the assigned articles.



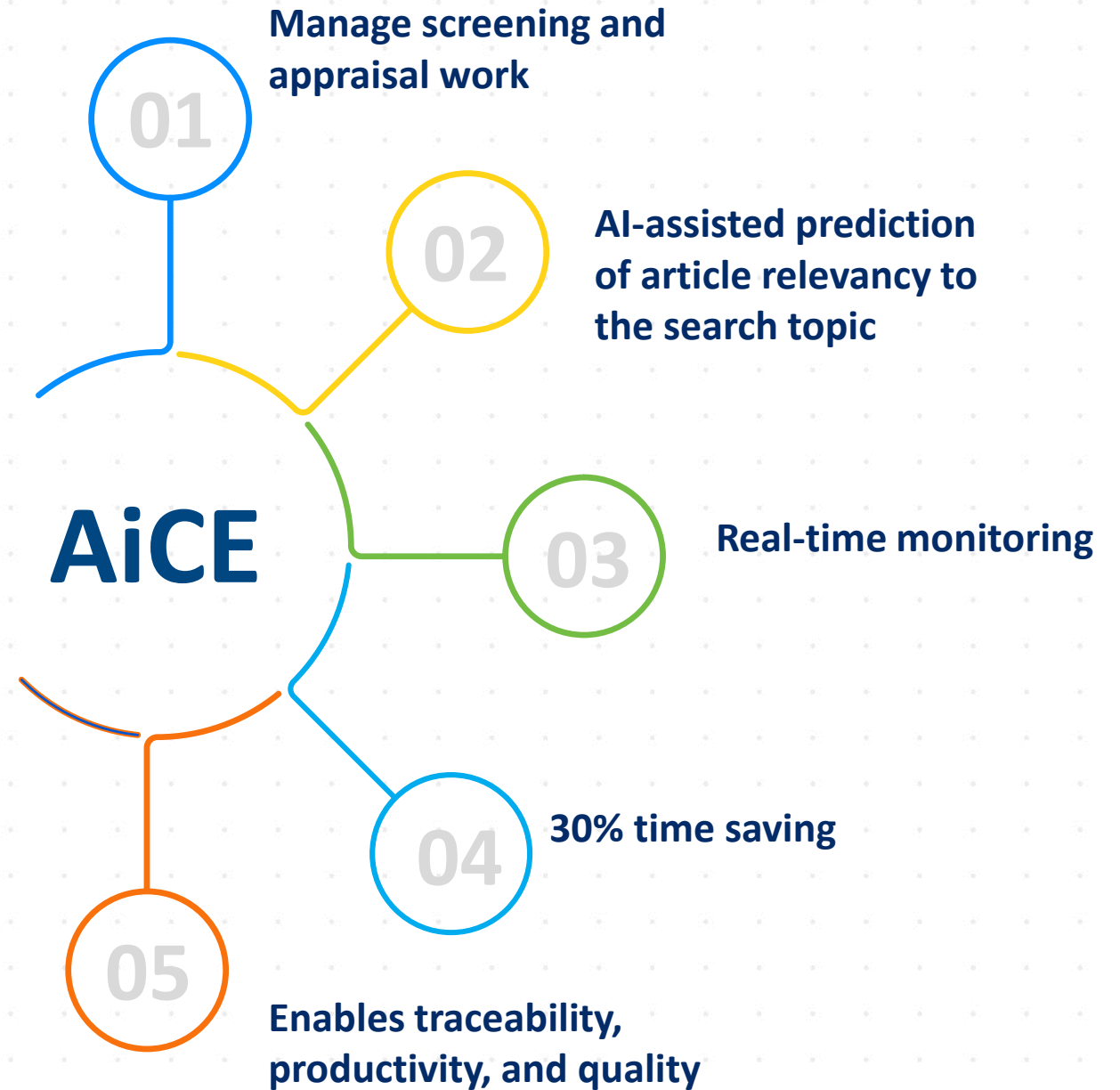
Quality Analyst

- Receives allocation from the manager
- Able to perform quality checks of screening and appraisal activities.



**One Stop Solution for
Literature Search, Screening,
and Appraisal Activities**

Artificial Intelligent Clinical Evaluation



Capabilities

Search Protocol

- Capable of handling data from PubMed and Google Scholar
- Search protocol can be created within AiCE
- Search can be customized for the subject device, state-of-the-art, and competitor device
- Multiple projects can be created and managed at different access levels.

Screening

- Screening can be performed at two levels, abstract and full-text
- Tool is capable of supporting researcher with relevancy prediction scoring
- Tool can highlight all key attributes for screening, such as device name, procedure, patient details, study type etc.

AiCE

Appraisal

- AiCE can auto-populate pre-fixed essential attributes for appraisal activity.
- Capable of DAPR and TOFCS grading
- Side by side view is available to check attributes and articles at a time.

Quality and Monitoring

- Manager will have real-time monitoring access for all the projects.
- At each stage of screening, articles can be reassigned and reviewed by QA.
- AiCE make allocation and execution easier.

Thank You

