



CONNECT TO WIN 2023 – MADRID

November 13th – 14th

POSTER SESSION

We are pleased to announce that during our Connect to Win event in Madrid, a poster session will take place focused on clinical informatics.

We are aware that many hospitals have built open source software code, but very few of our members know “who has got what” that might help them.

To that end we propose a “*new abstracts for existing research*” poster session to showcase the sorts of solutions we have across the DIGICORE community that other members could implement.

We are aware of open source examples against every example below across the membership, to give you a feel for the sorts of tools we want to showcase.

- a. **Data extraction:** specialist IT sub-system tools to “make data available”, such as chemotherapy ETL tools, radiomics or bioinformatics, or EHR specific extraction tools
- b. **Clinical data warehouse implementation** tools, such as integration automation, ETL quality management tools and reference data management solutions
- c. **Ontology mapping and data conversion:** national extension to international standards; conversion tools (e.g. local data to OMOP or FIHR), reference data management
- d. **Privacy management solutions:** pseudo-anonymisation / anonymisation tools, risk assessment, privacy audits
- e. **Clinical research feature extraction:** line of therapy algorithms; progression detection, RECIST automation, critical feature open source NLP solutions (e.g. detection of smoking status)
- f. **Routine cancer analytics:** Clinical dashboards, data quality dashboards, surgical audit tools, Molecular tumour board case summary preparation, pathway



visualization, anything digital that “benefits the frontline” and makes life easier for clinical teams day to day, but does **not** need regulatory approval.

- g. **Specialist digital apps for clinical implementation:** digital cachexia detection, toxicity prediction, drug-drug interaction, routine patient PRO tools; digital triage tools for expensive therapies. Generally these will influence patient level clinical care, often they need regulatory approval before broad adoption

To limit work, and to drive showcasing of **existing open source solutions** between members we propose these evaluation rules to accept an abstract

1. Any generalized hospital level clinical informatics problem and solution that could help a cancer centre “go digital”.
2. Either has a paper or poster published, or willing to develop a poster for Madrid (and planning a publication)
3. Open source code exists or will exist soon
4. Code developers would like others DIGICORE cancer centres to pick up that code or approach, and perhaps co-develop the solution further

If you would like to showcase your code / solution, please supply a 300 word abstract, covering

- i) the problem being solved
- ii) the outline solution
- iii) lessons learnt.

When writing that abstract, please think of your audience as “other hospitals who might want to implement your code”.

All suitable abstracts will be made available online to members to help disseminate code / ideas.

30 posters will be selected from those abstracts for presentation, and existing posters can be reused.

The deadline to submit is Friday 20th October

Submission can be done by sending an e-mail to info@digicore-cancer.eu