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METASTRA

COMPUTER-AIDED EFFECTIVE FRACTURE RISK
STRATIFICATION OF PATIENTS WITH VERTEBRAL
METASTASES FOR PERSONALISED TREATMENT
THROUGH ROBUST COMPUTATIONAL MODELS
VALIDATED IN CLINICAL SETTINGS

GOAL OF THE PROJECT: aims to revolutionise cancer patient care by addressing the complexities of vertebral metastases, providing innovative solutions for fracture risk assessment, and delivering personalised surgical interventions.

METASTRA's mission is to revolutionise the stratification and treatment of patients with metastatic cancer.

Utilising advanced Artificial Intelligence (AI) and Physiology-based (VPH) models, the aim is to categorise spine metastasis, offering surgical interventions guided by precise and reliable computational analyses.

At the core of this initiative is the development and validation of a sophisticated Decision Support System (DSS), which integrates computational models to empower clinicians with precise patient categorisation and personalised treatment recommendations.

The commitment is to address unmet needs by advancing technical solutions, developing computational models, and providing clinicians with precise risk quantification and treatment recommendations.

MAIN POINTS:



DURATION
60 Months



BUDGET
6.7 € Mil



CONSORTIUM
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