

**ADDITIVE MANUFACTURING IS THE PRODUCTION OF 3D OBJECTS FROM A DIGITAL BLUE PRINT. A PRINTER ADDS LAYERS OF MATERIAL UNTIL A SOLID 3D OBJECT IS FORMED.**



3D printing technology unlocks unprecedented possibilities to customise a device to the specifications and needs of patients and clinical team.

Its digital versatility and quick prototyping make it a great tool for emergency response. This was proven during the COVID-19 pandemic.

Allows the use of fewer resources, raw materials and energy.

It has the ability to improve medical care by reducing healthcare costs and time patients spend under direct care.



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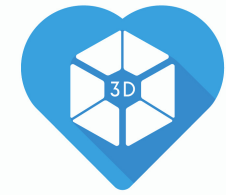
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ALADDIN Erasmus+ Project



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# ALADDIN

TRAINING



*Pursuing the integration of additive manufacturing in the health sector.*



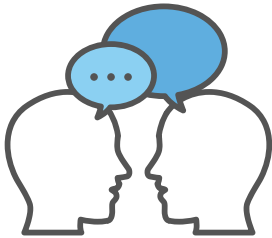
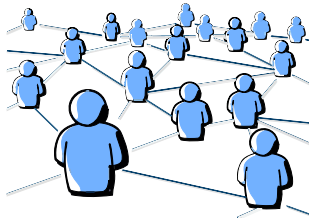
ALADDIN is funded by Erasmus+, an EU programme offering exciting opportunities for European nationals to study, work, volunteer, teach and train abroad in Europe.

## Why is 3D printing not fully integrated in hospitals and the health care sector?



Lack of knowledge and skills on the technology

A complex value chain

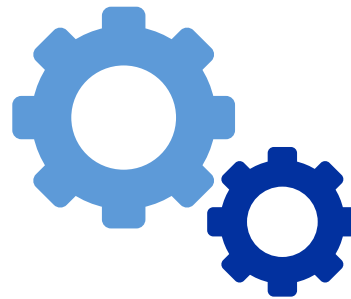


Absence of cooperation

A training programme for:



**Health professionals** working in hospitals; Doctors, surgeons, medical physicists, biomedical engineers etc.



**Engineering students** with a future in the health sector.

## ALADDIN WILL DEVELOP A TRAINING PROGRAMME ON ADDITIVE MANUFACTURING WITH:

- Customised training contents
- Teaching guide
- e-Learning platform

*It will ensure both health professionals and engineers work as a team from the start to the end of the treatment process or patient journey.*