

# matRad Installation

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**This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101008548**

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supported by:  
German Cancer Research Center (DKFZ)  
Heidelberg University Hospital  
Heidelberg Ion Therapy Center (HIT)  
Medical Faculty Heidelberg

matRad 

**dkfz.**

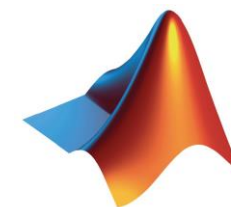


Research for a Life without Cancer

GERMAN  
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# matRad for this course:

- matRad is an open-source toolkit for three-dimensional intensity-modulated treatment planning for photons, protons and carbon ions
- (Almost) entirely written in **Matlab**



[www.matrad.org](http://www.matrad.org)

matRad can be used with a Matlab installation (R2019b or newer) or as standalone application

**Current matRad Release:** <https://github.com/e0404/matRad/releases/tag/v2.10.1>

## Use within Matlab:

- Download the **Code**
- Run `matRad_rc` from the command line  
OR  
Start the GUI `matRadGUI`

## Use without Matlab:

- Installation requires **Admin rights** and **internet connection**
- Download the **Installer** for your system
- Run Installer  
→ Will download & install Matlab runtime