DESCRIPTION
The SurgiCase Planner 3.0 is a 3D environment software which allows the surgeon to accurately plan a joint replacement surgery based on MRI, CT or X-ray images of the patient. Based on this approved surgical plan, Materialise will manufacture patient-specific guides that will be used during the surgery, if ordered by the surgeon.

INDICATIONS
The SurgiCase Planner software is intended to be used for simulation of surgical interventions and the planning of preoperational interventions. The SurgiCase Planner software used to assist in the positioning of orthopedic components.

CONTRAINDICATIONS
None.

WARNINGS
- The software should be operated by trained personnel, or the output should always be reviewed and approved by a qualified clinician.
- It is the clinician’s ultimate obligation to exercise his/her professional judgment in any decision to follow or not follow the treatment plan made using the medical device software.
- Patient specific guides are to be used by a trained clinician in the performance of surgery.
- Be aware that any patient-specific guides and/or anatomical models derived from a planning created in the software have been manufactured based on MRI/CT/X-ray images of the patient. If the patient’s anatomy has changed significantly since the time of the MRI/CT/X-ray images, the guide or model should not be used, even if the time period of 6 months has not expired.

INSTRUCTIONS FOR USE
- Install
No installation is required to use the SurgiCase Planner. The SurgiCase Planner is a web based application and can be accessed by browsing to the url of the case.
- Start
To open a case in the SurgiCase Planner, browse to the appropriate case in the Online Ordering System and click the link in the Case Details to open the SurgiCase Planner.

MINIMAL REQUIREMENTS
Browsers and Operating Systems
- Browser with WebGL support.
  A list of browsers supporting WebGL can be found here: http://en.wikipedia.org/wiki/WebGL#Support
- Cookies support
- Following operating systems minimally:
  - iOS 8.x
  - MacOS 10.x
  - Windows® 7 Service Pack 1 (SP1) (32-bit or 64-bit)

Internet Connection
Internet connection should be available

Graphic card
Please refer to the following list describing black/white lists for graphic cards: https://www.khronos.org/webgl/wiki/BlacklistsAndWhitelists

RECOMMENDED REQUIREMENTS
Browsers and Operating Systems
- The software is recommended to be used in the following browser/OS combinations (with latest version of browser and used OS) – as these combinations are explicitly tested/supported:
  On Windows 7 PC:
  - Google Chrome
  - Microsoft Internet Explorer
  - Mozilla Firefox
- MacOS:
  - Safari
  - Google Chrome
- iPad iOS:
  - Safari

Cookies support
Internet Connection
   Regular 4G (4Mbps, 20 ms RTT)
Screen resolution
   WXGA or higher
Graphic card
   Please refer to the following list describing black/white lists for graphic cards:

https://www.khronos.org/webgl/wiki/BlacklistsAndWhitelists