



Laser Assisted RObotic Surgery of the anterior Eye Segment

Project full title:	Laser Assisted Robotic Surgery of the anterior Eye Segment
Project Acronym:	LA-ROSES
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Version	6
Tasks contributing to this deliverable	T2
Dissemination Level ¹	RE
Total number of pages (including cover page)	3



¹ Dissemination Level:

PU Public

PP Restricted to other programme participants (including the Commission Services)

RE Restricted to a group specified by the consortium (including the Commission Services)

CO Confidential, only for members of the consortium (including the Commission Services)



Version Management

Version	Date	Status	Author	Modification
1	2/02/2015	Setup	Ekymed	Creation of document
2	10/04/2015	Draft	Ekymed	Structure and initial content
3	10/05/2015	Draft	All partners	Revision/Comments
6	30/05/2015	Final	Ekymed	Final Revision

Summary

VERSION MANAGEMENT	2
EXECUTIVE SUMMARY	ERRORE. IL SEGNALIBRO NON È DEFINITO.
1 OVERALL SCHEME.....	ERRORE. IL SEGNALIBRO NON È DEFINITO.

1 Executive Summary

The present deliverable D3.1 aims to describe the LA-ROSES general mechanical drawings of the system, according to the deliverable D2.1.

All the main components, including the handpiece are included, in order to give a general view of the entire system. The work performed required also to include in the design the bed and a manikin of a patient in order to understand the general dimensions and dimensional constraint of the entire system.

2 Overall scheme

In annex 1 please find the three views of the LA-ROSE system, including:

1. the hospital bed,
2. the patient,
3. the robot arm,
4. the handpiece.

In the next picture an overall image of the system.

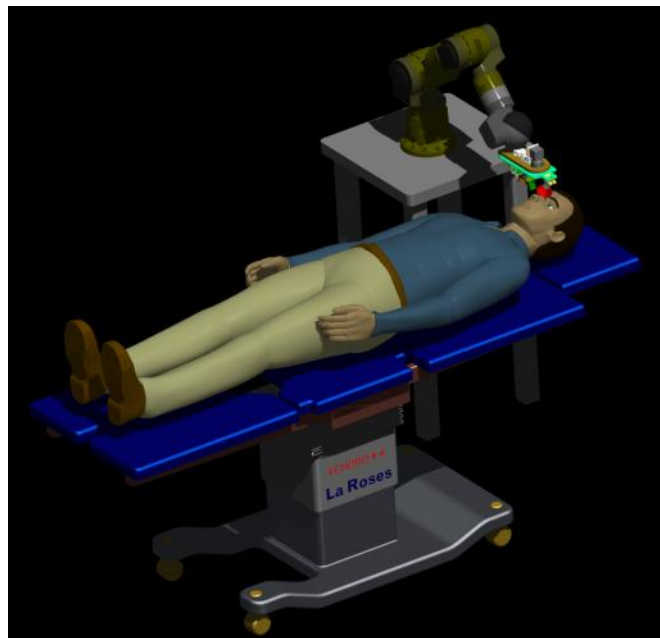
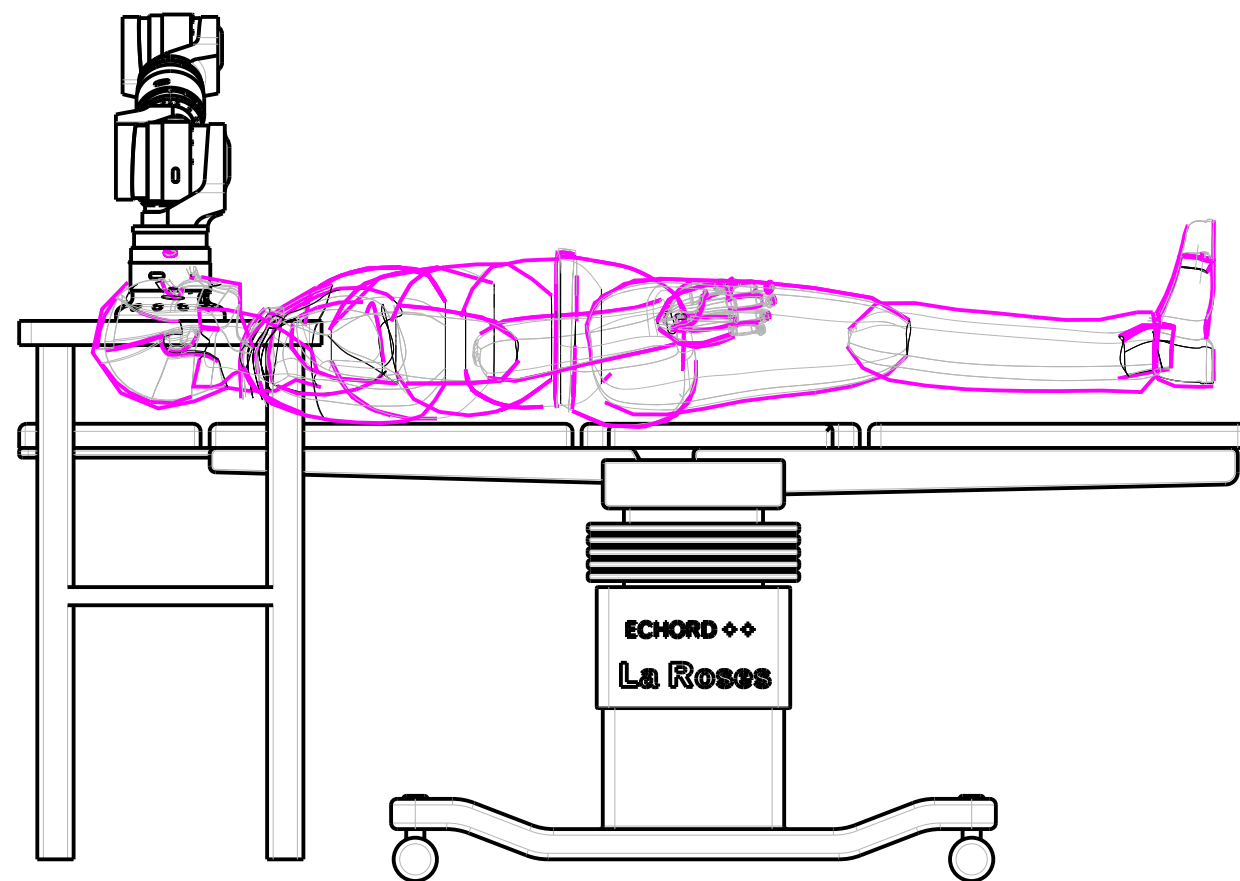
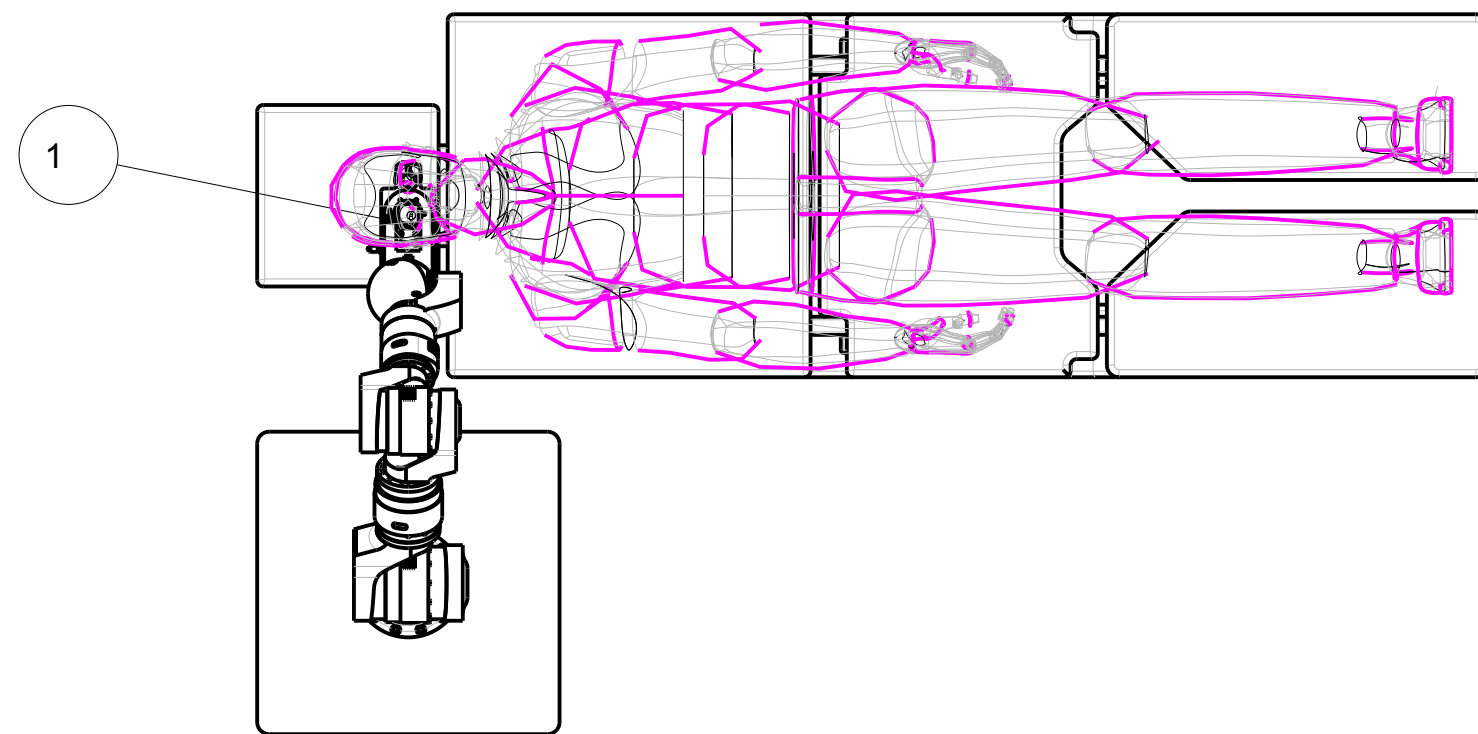
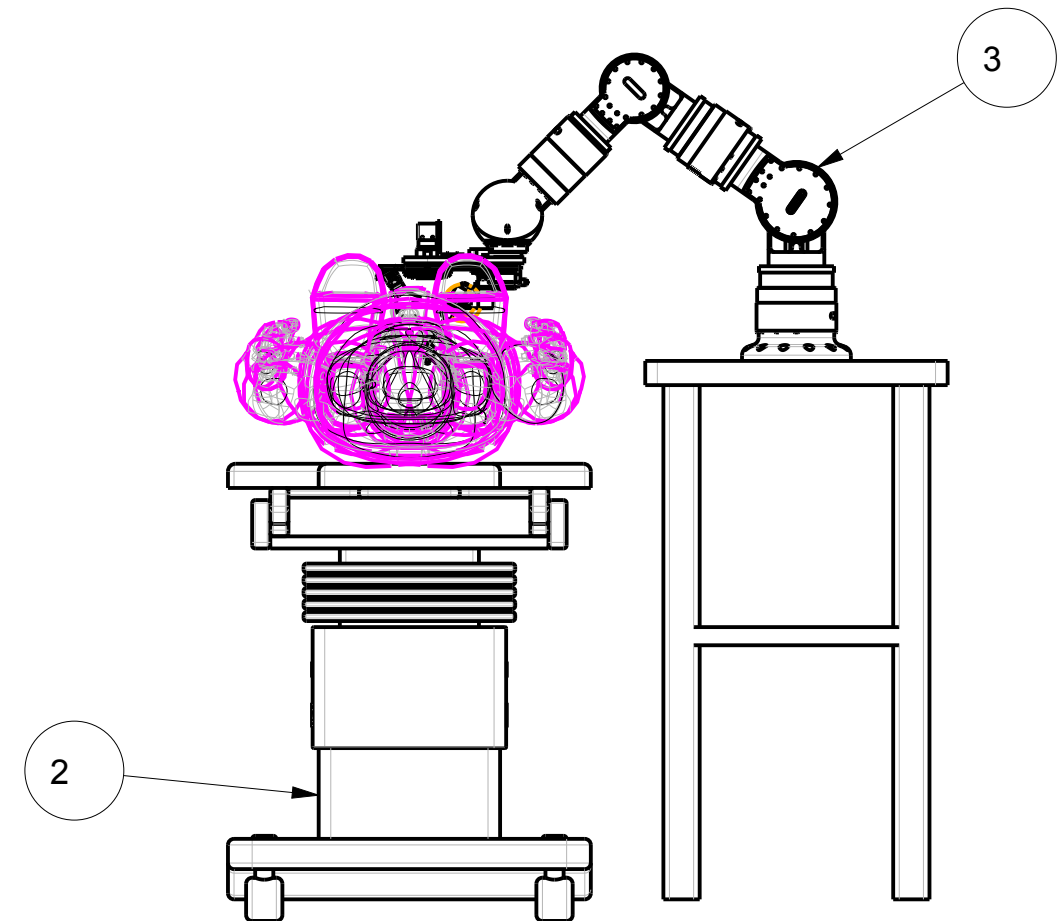


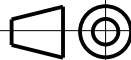
Fig. 1 - La Roses overall view

In the next pages, some additional pictures from the CAD software.



SCALE 0,080



1	Handpiece	/	1					
2	OR [bed, robot support, patient]	/	1					
3	SCHUNK Robot	/	1					
Progressivo n. Item n.	Denominazione Part Name	Materiale Material	Ni. disegno Part number	Quantità Quantity				
Distinta Base - Bill of Components								
Posizione Position	Esp. Rev.	Data Date	Firma Sign	Descrizione revisione disegno Drawing revision description				
Ekymed Spa		Denominare Part name	La Roses System - overall view	Codice Part Code				
		Completivo Assembly	LR	LA_001				
Vis Bocconi 2 - 56037 Pescoli (PI) Italy Phone +39 0567 677 713 Fax +39 0567 677 714 http://www.ekymed.com		Progetto Project	Under the framework of Echord + +	Disegnato da: Drawn by:				
		Cliente Customer	Ekymed	Magnani				
			Approvato da: Approved by:	BM				
		Foglio Sheet	1/2	Formato Format	A3	Tolleranze di lavorazione Manufacturing tolerances	UNI EN 22768 1-2	-
		Scale	scale:1	Materiale Material		Treatment Treatment		Quantità Quantity
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