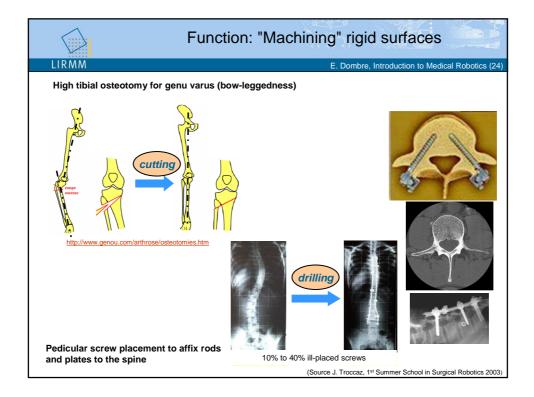
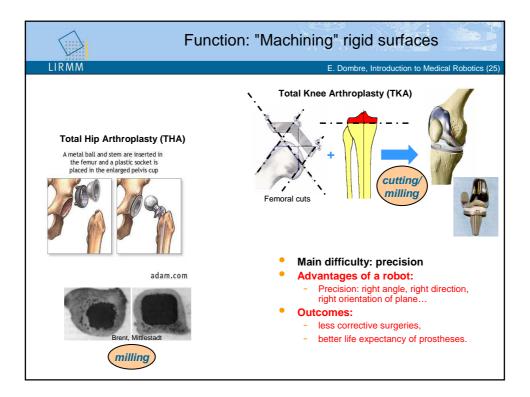
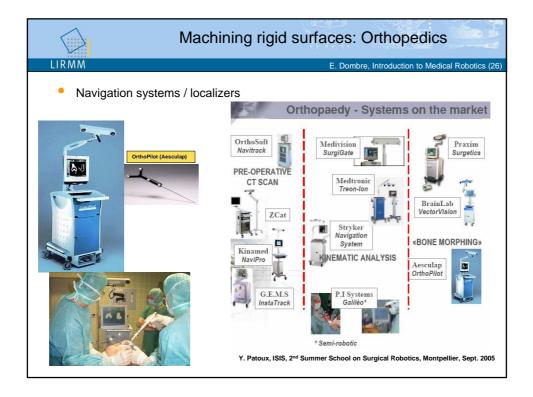


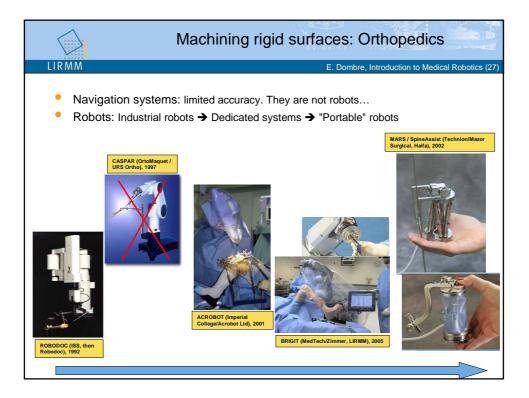
	Outline		
LIRMM	E. Domb	re, Introduction to Mec	lical Robotics (2
A short overview of the second sec	on assistive technologi	es &	
rehabilitation robo	tics		
Robotic for surger	y		
- A robot for what	at?		
Analysis of functions), a	some surgical functions (and and the current robotic solutio	a few non surg ns	ical
 Do we need surg 	eon anymore?		
Added value a	and limitations of robots		
 and tomorrow 	?		
Future direction	ons and technical challenges		
Conclusion			

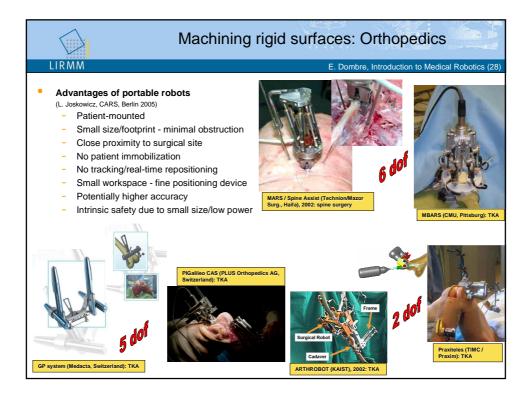
	А	robot for what?	
LIRMM		E. Dombre, Introduction to Med	ical Robotics (23)
Analys	sis of some surgical fu	nctions	
	Orthopedics	"Machining" (rigid surfaces as bones)	
	міз	Constrained manipulation (through a trocar)	
	Neurosurgery Interventional radiology Radiotherapy	Constrained targeting (reach a target through an entry port)	
	Skin harvesting TMS	Surface tracking	
	Microsurgery	Micro-manipulation	

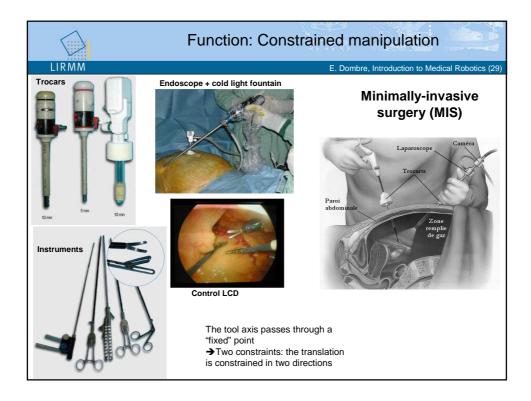


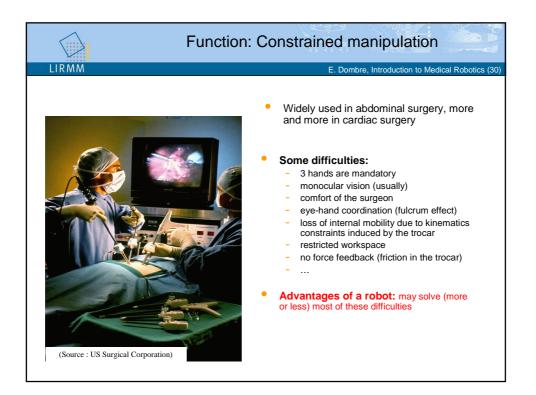


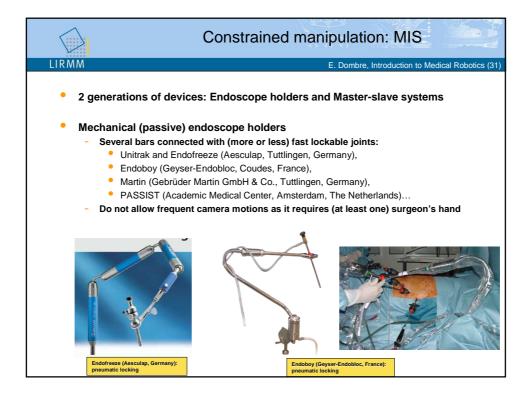


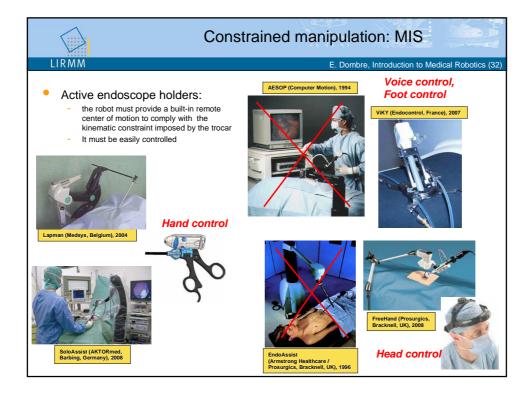


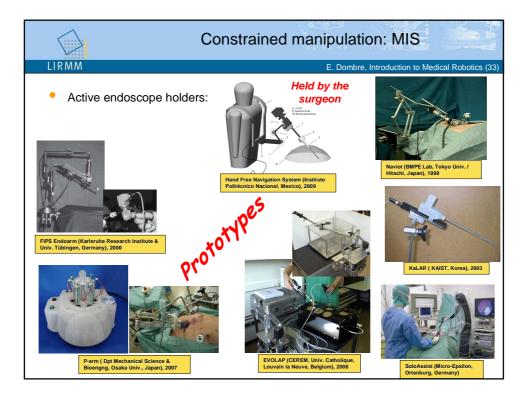


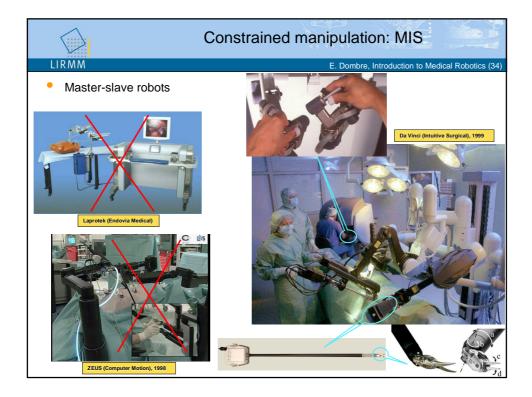


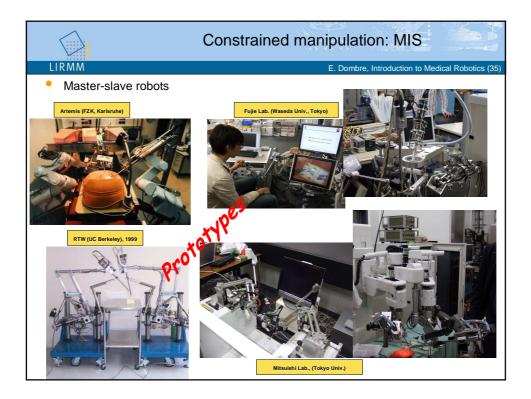


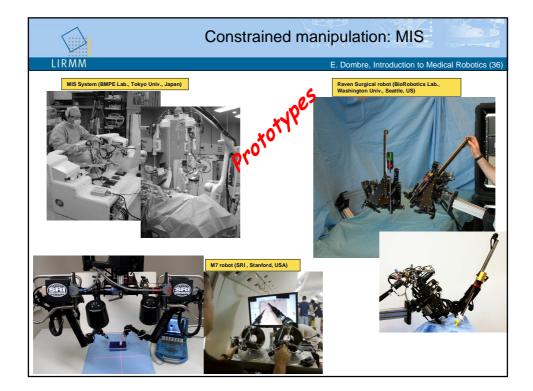


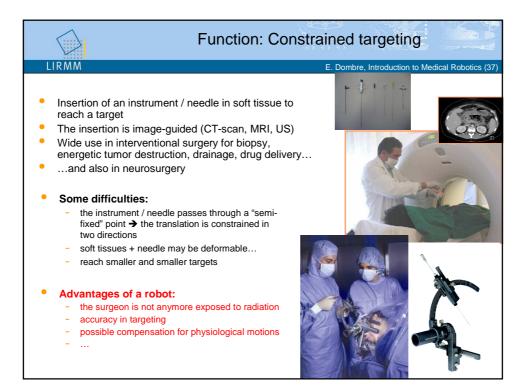


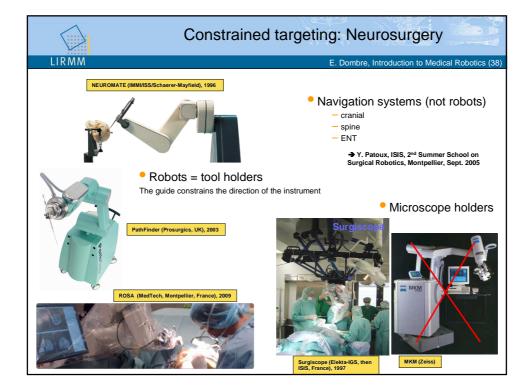






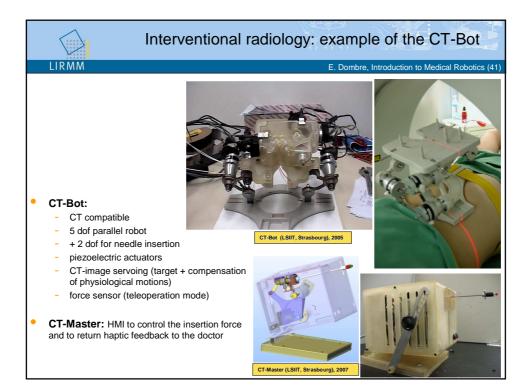


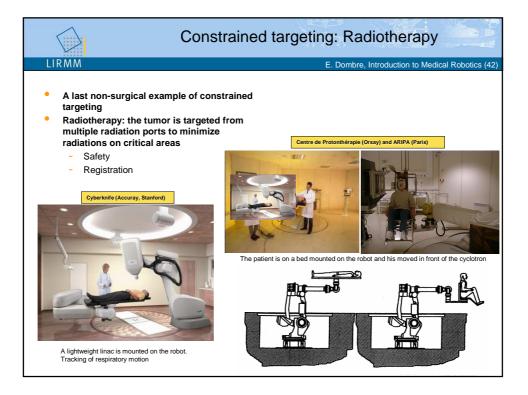




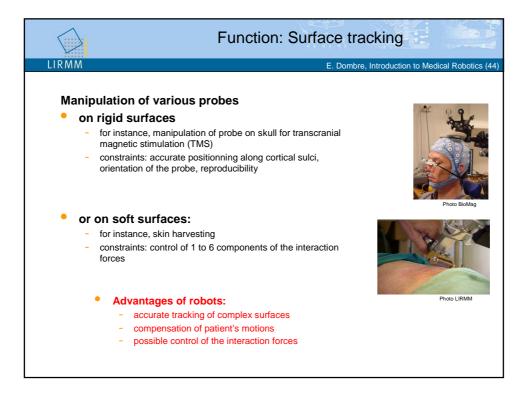




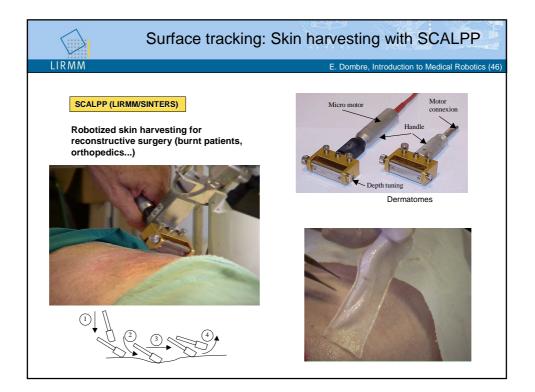


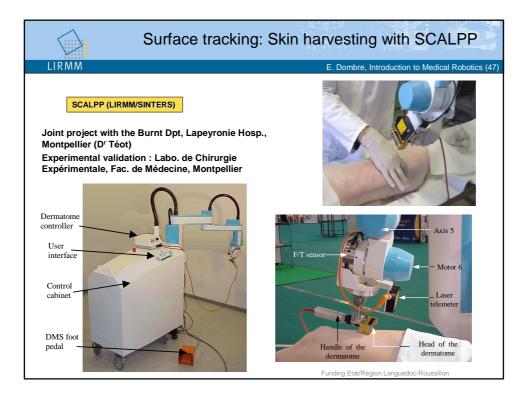


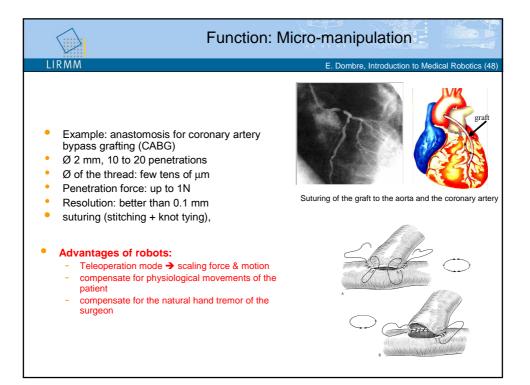
	A robot for what?	
LIRMM	E. Dombre, Introduction to Med	
Analy	sis of some surgical fu	nctions
	Orthopedics	"Machining" (rigid surfaces as bones)
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	Neurosurgery Interventional radiology Radiotherapy	Constrained targeting (reach a target through an entry port)
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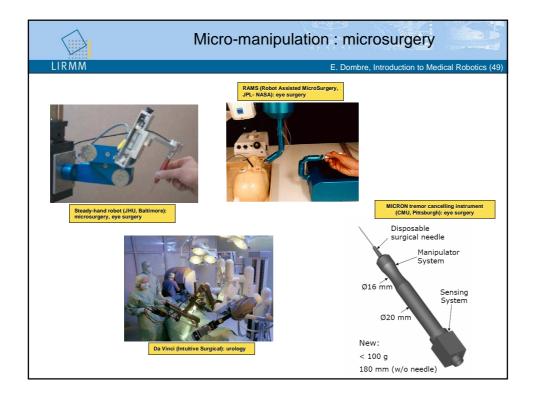


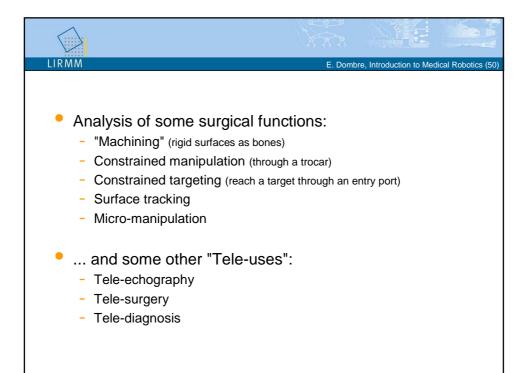


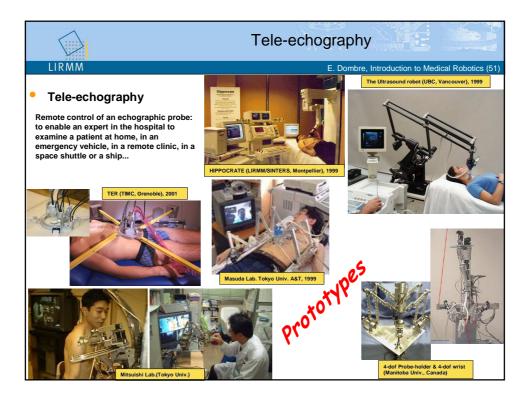


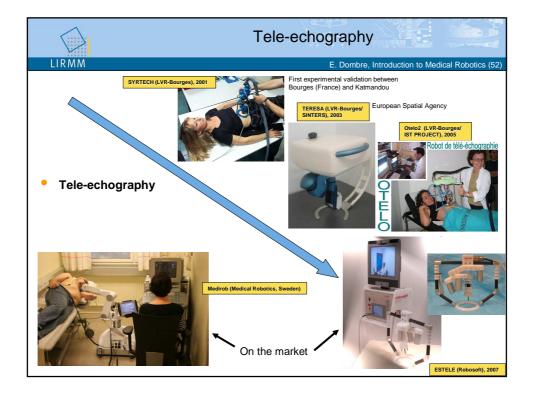


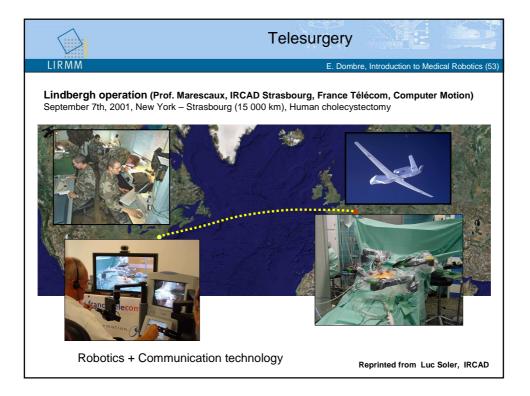


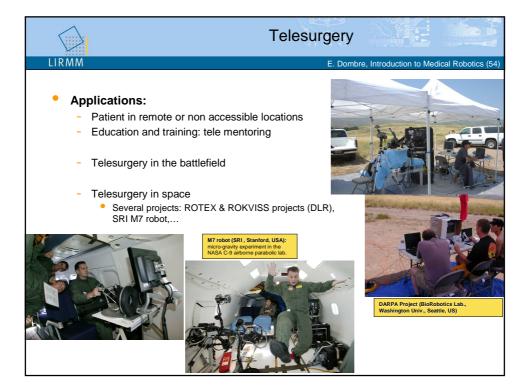




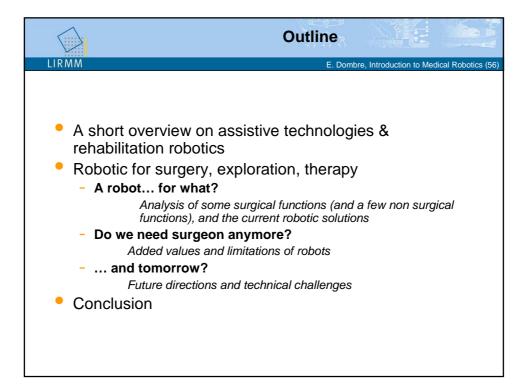


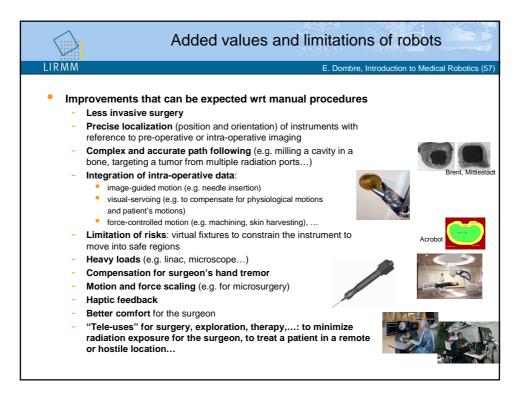


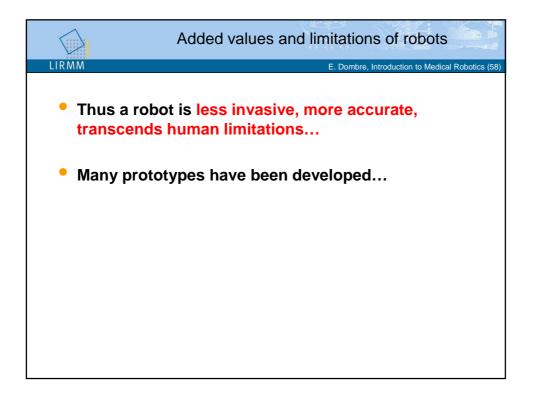


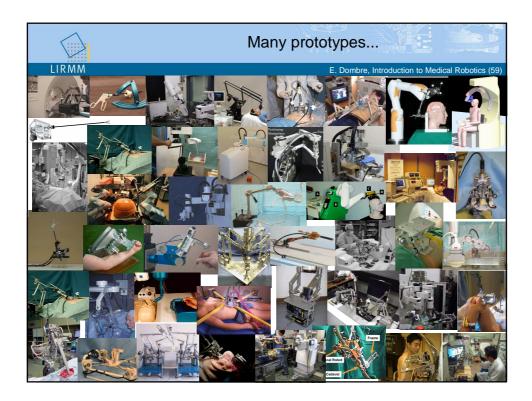


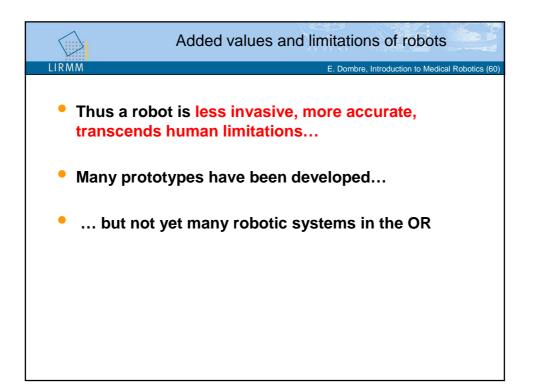


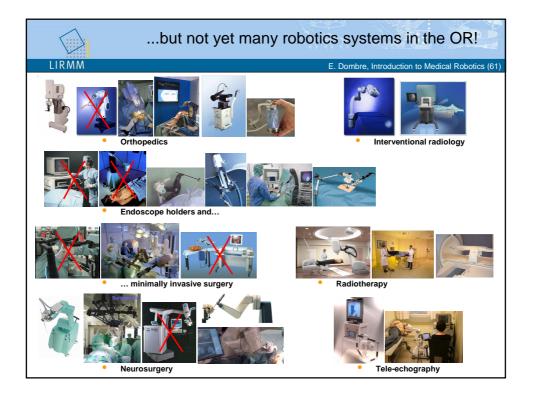




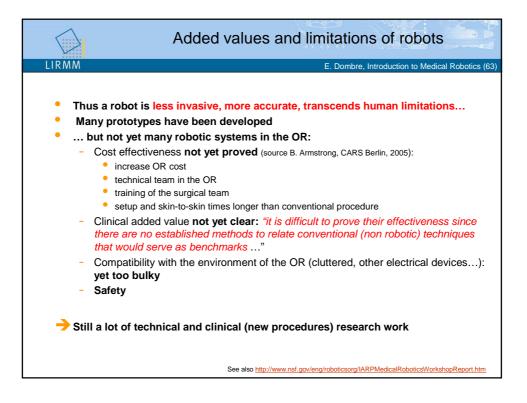


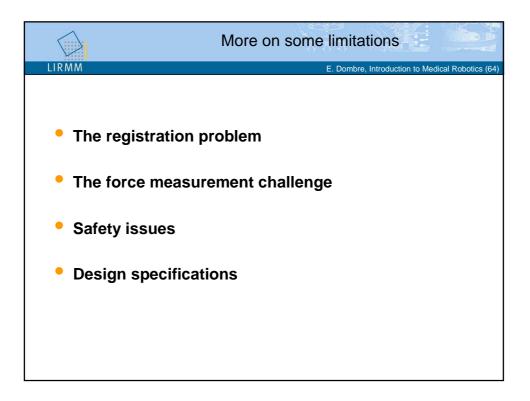




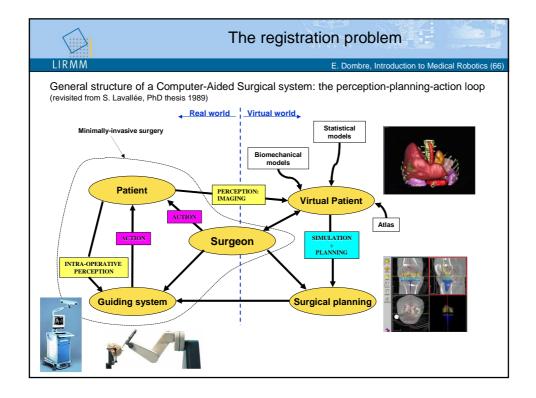


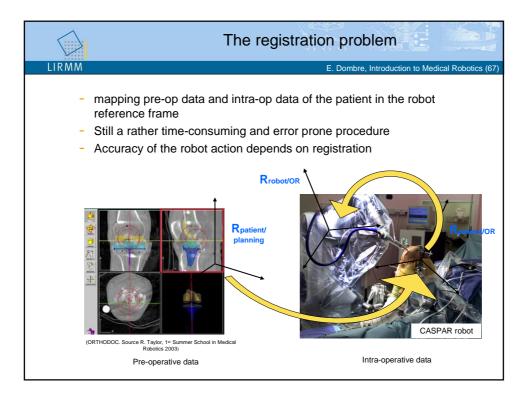


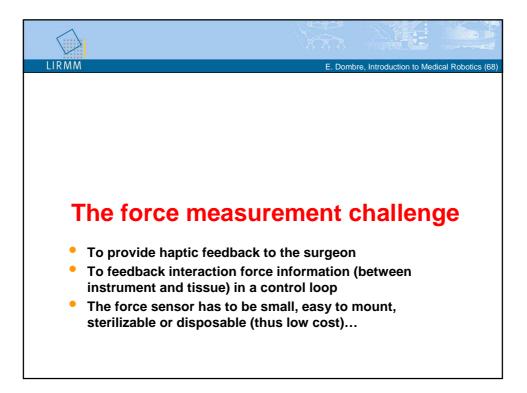


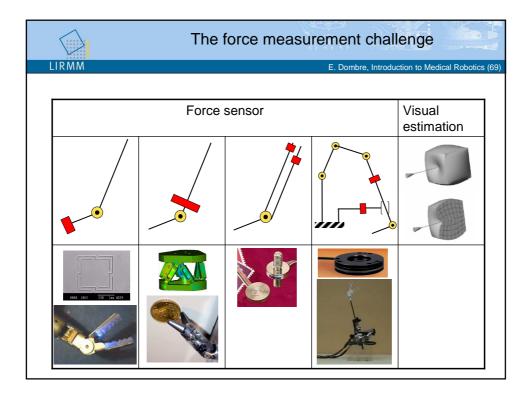


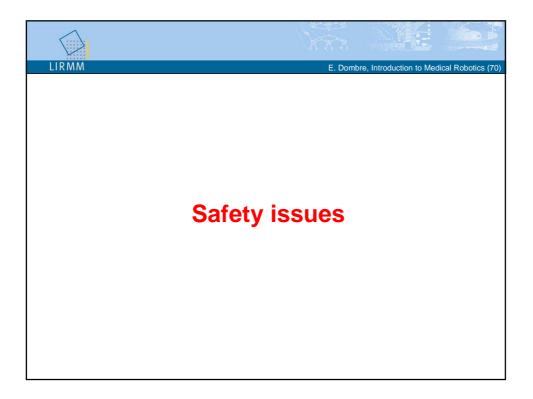


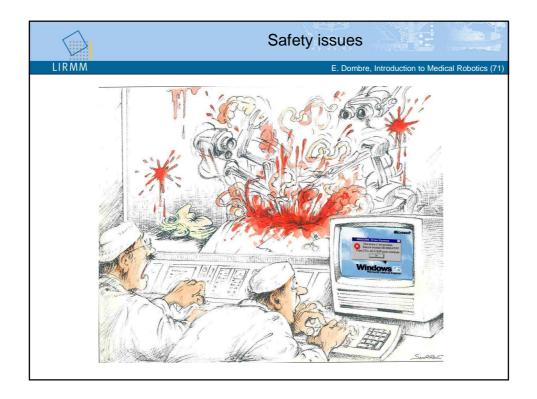


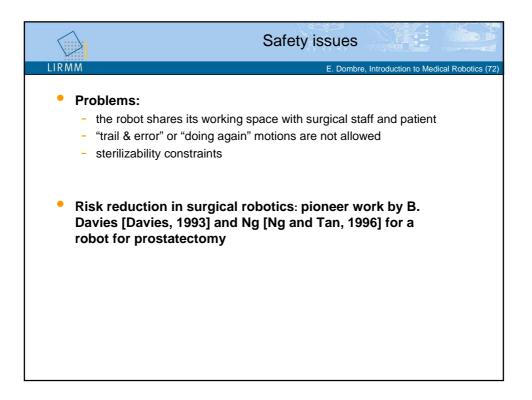


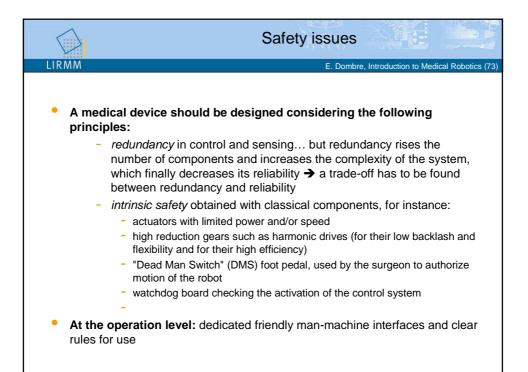


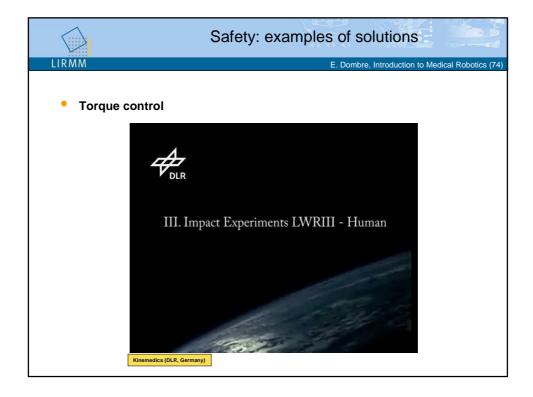




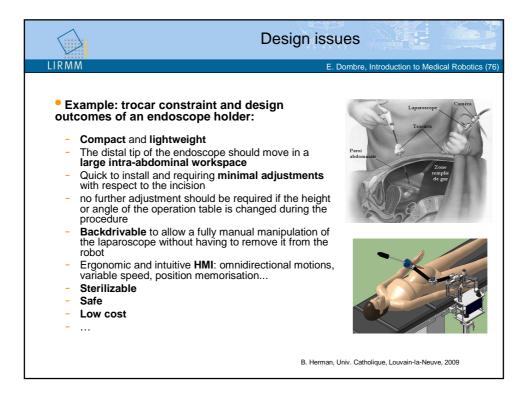


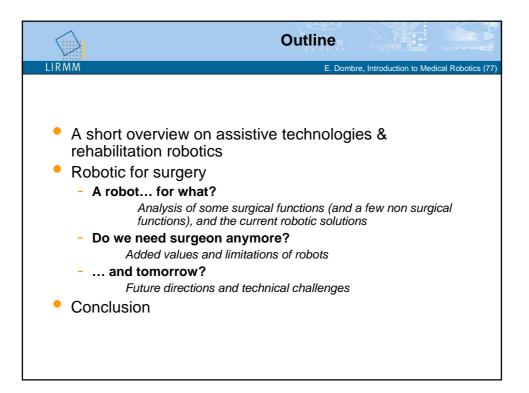


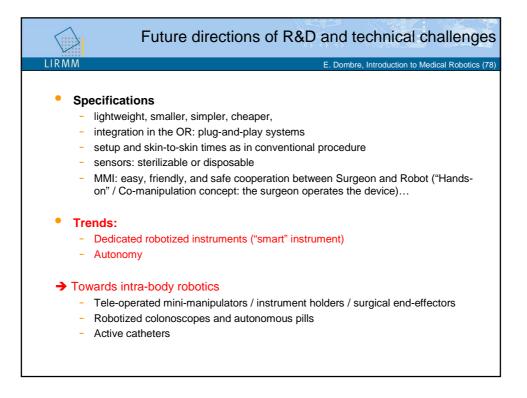


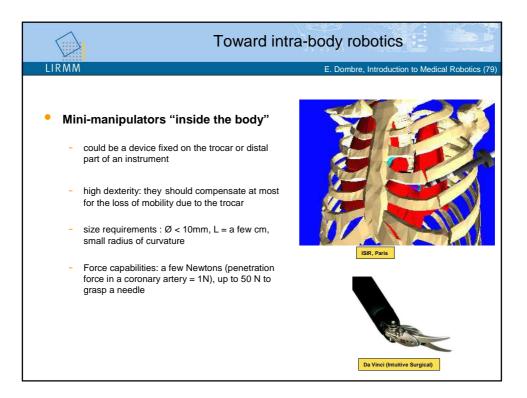


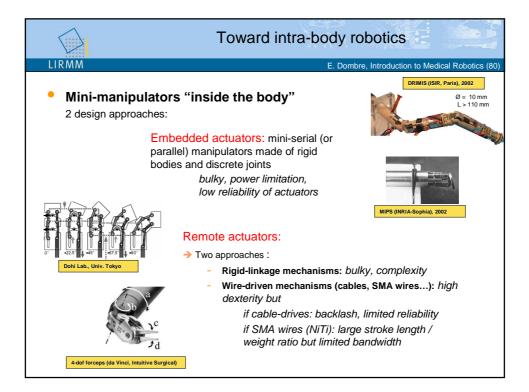


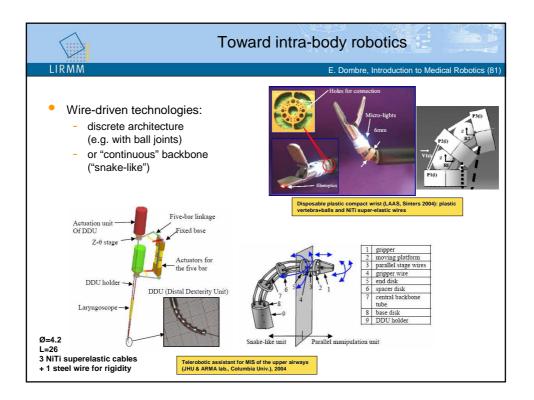


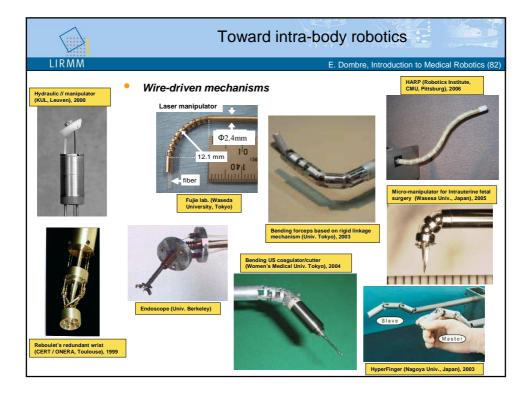


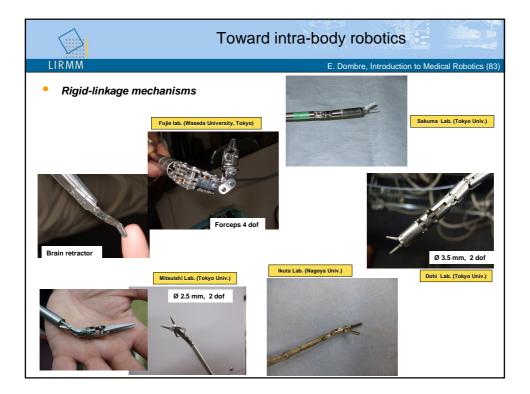


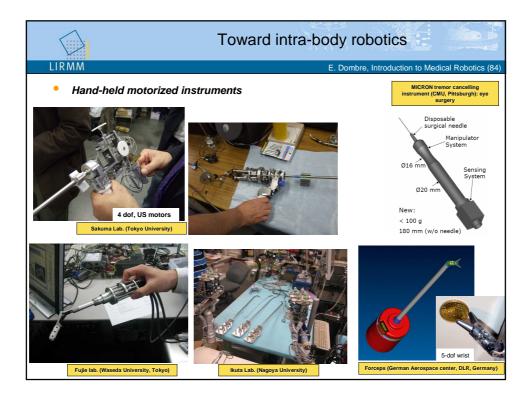


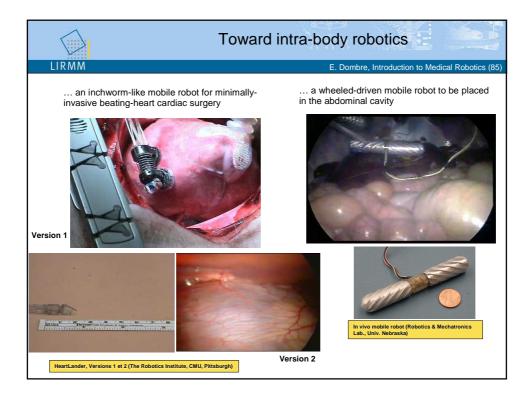


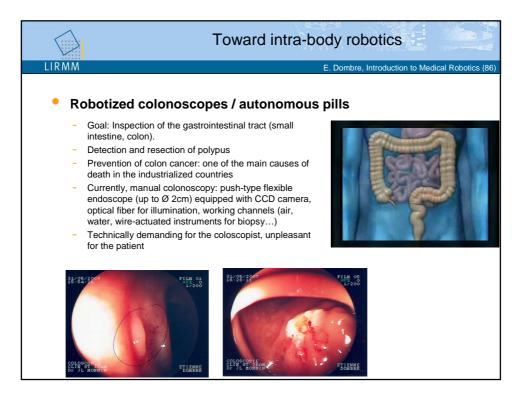


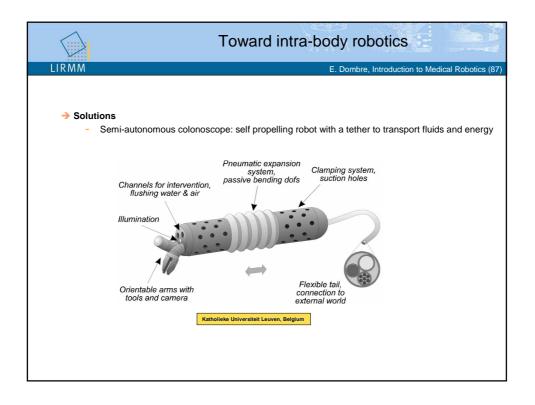


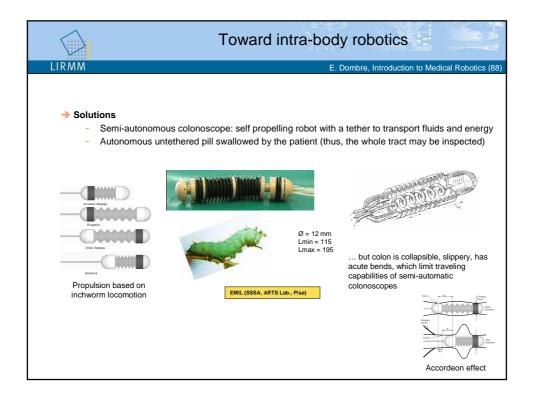


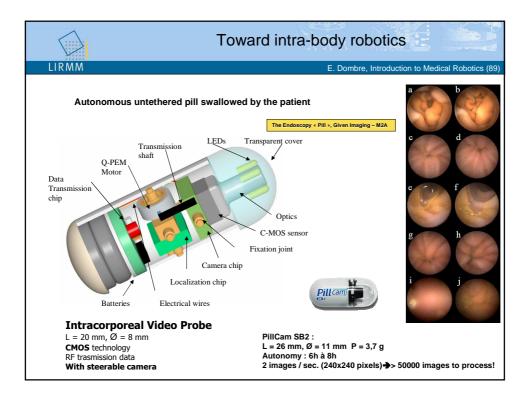


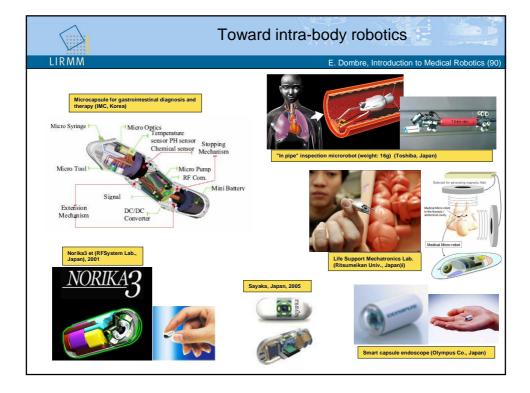


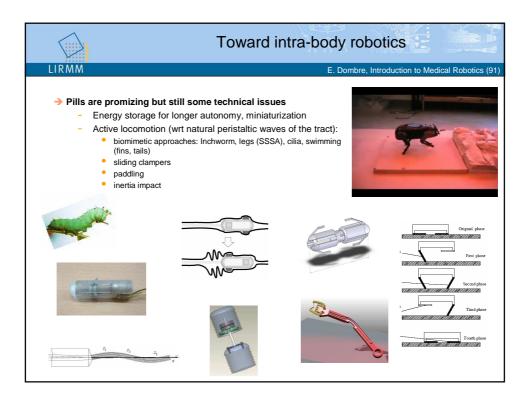


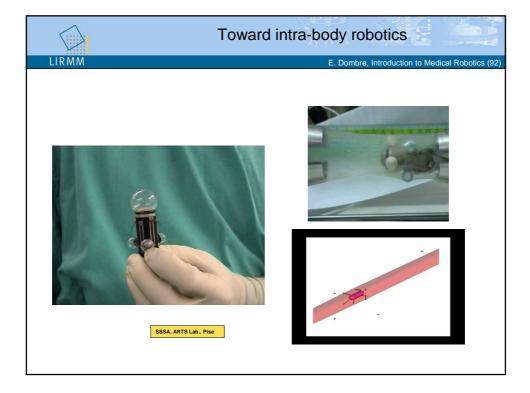


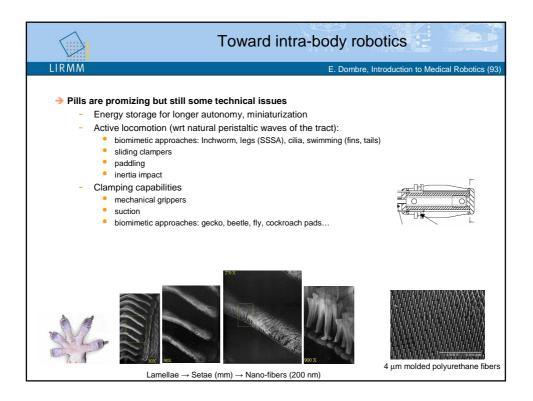


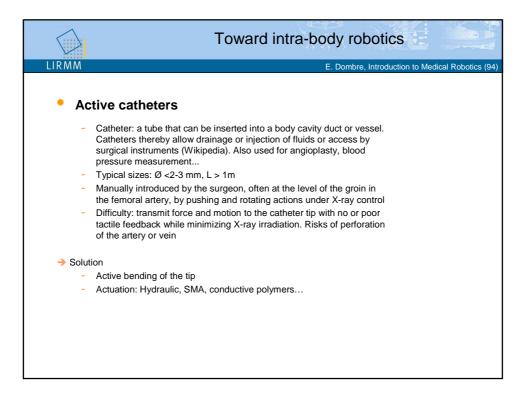


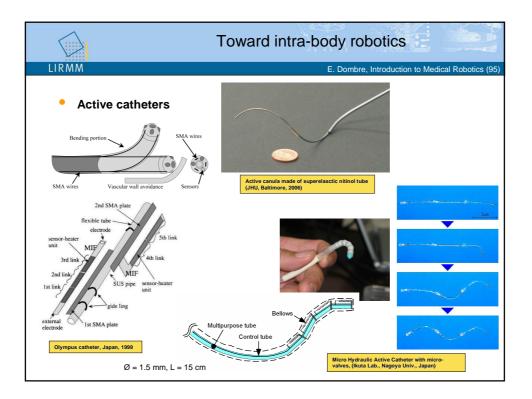


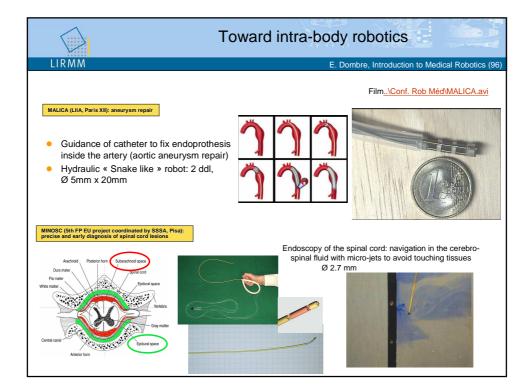


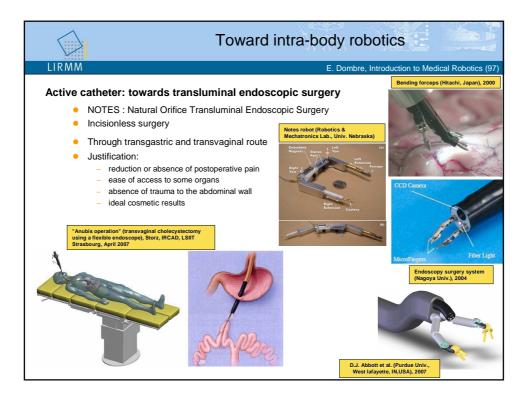


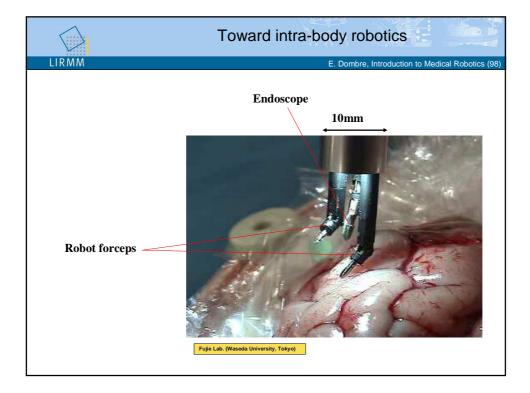


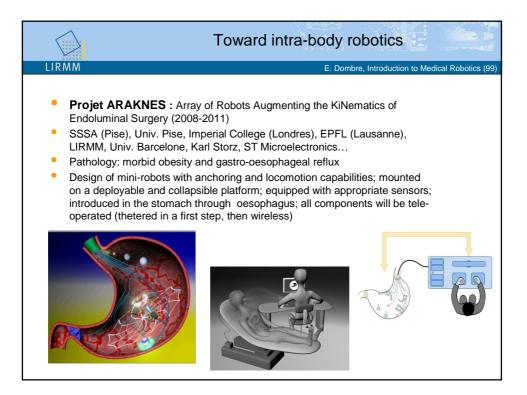












	Outline
LIRMM	E. Dombre, Introduction to Medical Robotics (100)
rehabilitation Robotic for se A robot fo A robot fo Analy funct Do we need Added and tome 	urgery or what? ysis of some surgical functions (and a few non surgical ions), and the current robotic solutions I surgeon anymore? values and limitations of robots

