abstract

Introduction

* Problem statement
* Problem analysis

State-of-the-art

Medical context definition

Overview of the system

* Given system (placeholder)
* Our solution (placeholder)

Robot control

* Introduction
* Body text (placeholder)
* Test
* conclusion

Camera

* Introduction
* Body text (placeholder)
* Test
* conclusion

Needle

* Introduction
* Kinematics
* Servo control
* Test
* conclusion

Implementation

* Introduction
* Ros-development
* App development
* Test
* conclusion

System test

Discussion

Conclusion

Future work

appendix