Tabiscope: Mobile Device Camera Connector

Kyle Wong, Daniel Ahn, Deepak Lingam
Mentors: Kevin Olds, Dr. Amit Kochhar, Dr. Simon Best

• Goals:
  – To develop an Android application to record endoscopic videos and images
  – To develop a mechanical adapter between an endoscope and an Android tablet

• Significance:
  – To create a low cost alternative to the traditional endoscopic imaging towers
  – To use in ERs and third world nations

• Results
  – Have an endoscopic adapter as well as an application
Pictures