

Weekly Report 8

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PROGRESS

This week Group 17 spent its time continuing research and creating CAD files. We started by doing a more in depth patent search into the surgical equipment used for the Glenn and Fontan procedures. We found out about radio frequency waves that can "clamp" a vessel by reducing flow to minimal levels. Furthermore, we learned about the peach clamp that automatically fastens and about an apparatus that varies blood circulation in the Fontan procedure. Each of these inventions has ideas that may be useful to the team in product development in later months.

The team designed a CAD file for the tip of device, which would be clamping the vessels themselves. It can be found in Ideas > CAD FILES in LabArchives. This is a draft and we hope to show our client this and iteratively improve upon it.