

Setting the new gold standard for kidney stone extraction.

Master's Thesis/Semesterarbeit/Bachelor's Thesis "Magnetic Probe for kidney stone extraction"

Dymium is an early-stage MedTech startup based in Munich. Our team has developed and patented a new surgical method for the residue-free, minimal-invasive removal of kidney stone fragments using magnetism. This has the potential to save thousands of patients from follow-up surgeries every year. We've clinched top spot at TUM IdeAward 2019, Bayerische Businessplan Wettbewerb 2021, Deutsche Biotechnologietage 2021 and are currently funded by the German and Bavarian Ministries of Economic Affairs (BMWi) und (STMWi).

To help turn our impactful vision into reality, we are looking for you!

What we offer

- Be part of a highly driven and multidisciplinary team which won first place at the TUM Ideaward (2019) and top spot at the Bayerischer Businessplan Wettbewerb.
- Enjoy to be part of Munich's vibrant startup ecosystem. We are located in Garching Forschungszentrum (TUM Incubator) and Munich Urban Co-Lab in the city centre.
- Access to infrastructure at the Bioseparation Engineering Group and Makerspace.
- A flexible, friendly working atmosphere and a jointly defined project scope.

How you can help us

- Help develop a working prototype of our magnetic extraction instrument, a first of its kind surgical tool.
- Help design experimental protocol to validate your developments.
- Support the founding team in *ex vivo* porcine kidney experiments to test your prototype.

Your profile

- Master student or bachelor student (m/f/d) with a background in mechanical engineering, electrical engineering or physics; students from related disciplines with keen interest in said topics are encouraged to apply.
- Strong analytical and conceptual capabilities, independent and self-reliant working style with relevant experience.
- Business fluent in English, German language skills are a plus.
- Team player who enjoys building something from the ground up – someone who is not afraid of failing and trying again!

Send us your CV, a transcript of records and other documents you want to share with us to shyam.sri@dymium.de. Applications as a pair are also welcome..

<https://www.dymium.de>