



Nickel Ion Leaching Measurements during Fatigue Testing

Nickel ion leaching measurements are important for nitinol medical devices, and FDA guidance documents and publications are helpful in determining the recommended type of testing. MDT has developed a new test ([see whitepaper](#)) where nickel ion measurements are made during fatigue testing to better predict nickel ion leaching during physiological conditions.



Welcoming a new Summer Intern, Paul Kohlmeyer

Paul is an Electrical Engineering student at the University of Minnesota expected to graduate this December. He is also a member of the school's Solar Vehicle Project. Last year he designed and built the lights and horn system for their car "Eos". They took Eos to the 2015 World Solar Challenge in Australia to compete in a solar powered endurance race against other teams from all around the world, and they took 5th place in their class. He is currently designing the steering wheel for their next car. This summer, Paul will assist MDT engineers with several new projects, including the development of a new test system.



Meet the MDT Staff

Some of the staff you have worked closely with, and some supported your projects from behind the scenes. This month, we get to know better Scott Strampe, MDT's machinist, who makes things happen when custom parts are required in our in-house shop. [Read more](#) about Scott's work at MDT including trends in machining requests.

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Testing Tip: Advanced Amplitude Control

Does your sample's stiffness change by several orders of magnitude during testing? Read our [testing tip](#) on how advanced amplitude control can help you achieve your desired test parameters while maintaining test system stability.