castor
castoredc.com

Medical device clinical trials

The clinical data platform medical device teams run from first-in-human to post-market

EDC, ePRO, and eConsent in one validated environment, with AI-assisted data extraction and an in-house data management team. Lean device teams produce EU MDR and FDA evidence without enterprise overhead.

Device teams run studies on Castor across cardiovascular, orthopedics and MSK, surgical and interventional, neurology and neuromodulation, and digital health and SaMD.

890+ medical device studies to date (**289 live**)

314,000+ patients enrolled to date

5,100+ sites contributing device data to date

37.9M+ datapoints to date (**3.15M+ via ePRO**)



Sites upload, Castor extracts

With Catalyst Site Upload, sites submit surgical notes, EMR screenshots, and paper worksheets as they are. AI-assisted extraction with human review turns them into structured study data. Zero EDC training for data entry.



Follow-up that runs itself

Automated ePRO covers the 1, 3, and 5-year check-ins device studies require, with reminders and multi-language delivery across mobile, tablet, and web.



One bundle, one evidence plan

Platform, Catalyst, and the in-house data management team as a single full-service engagement. Run it yourself, hand it to us entirely, or anywhere in between.

PMCF under EU MDR. Registry, survey, and chart-review designs with audit-ready exports.

- **MMI: 520%** PMCF enrollment increase meeting EU MDR requirements.
- **Sword Health: 30+** peer-reviewed studies from a 4-person clinical team.
- **Under 0.7%** post-QC error rate with human-in-the-loop review, **versus a 6.6% manual baseline.**

Validated against 21 CFR Part 11, GDPR, and ISO 27001. Supports GCP-aligned device studies under ISO 14155.

Discuss your device trial ›

castoredc.com/medical-device-clinical-trials-platform