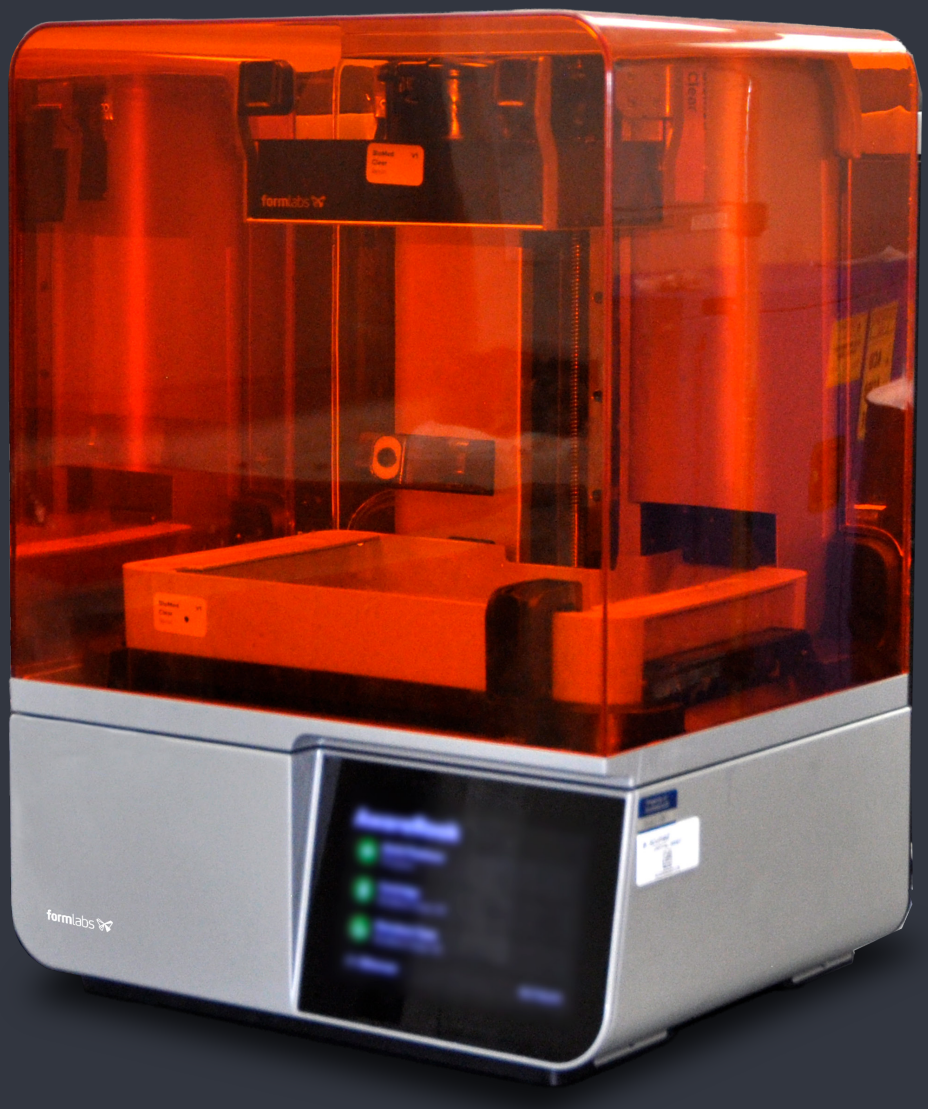
acumed®
Digital Surgery

Inspired by Legacy.
Designed for the Future.

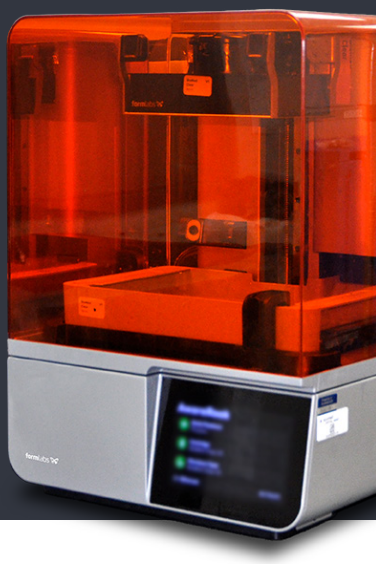
Direct Print

Custom Solutions. On Demand. On Site.



Direct Print

Our Acumed Digital Surgery (ADS) Direct Print solution provides patient-tailored 3D printing of splints and anatomical models designed in hours, not days, and manufactured at the point of care 24/7 to the same quality standards as Acumed Craniomaxillofacial (CMF) solutions.



Occlusal & Palatal Splints

Anatomical Models
Patient-tailored models for pre-surgical visualization, teaching, and predictive reference for implant fixation

Occlusal & Palatal Splints
Custom splints for trauma, orthognathic, and reconstruction for precise, predictable occlusion

SCAN → **DESIGN** → **PRINT** → **DELIVER**

Benefits of Onsite Printing

- Print splints and anatomical models onsite for urgent trauma cases
- Plan and execute complex procedures without the delay of waiting on off-site production
- Eliminate shipping and logistics delays
- Reduce turnaround from days to hours, keeping surgery on track
- Use anatomical models and splints to prepare for surgery, reducing OR time and intraoperative variability
- Support surgeon-patient communication with tangible patient-tailored solutions

Onsite Printing Process

- Printer is installed and qualified at your location
- Upload patient CT imaging data to the ADS platform
- ADS performs segmentation and image processing
- STL 3D files are transferred back and programmed into the printer onsite
- Local sales representative prints the product on demand, no shipping required

Get Started with ADS Direct Print

Contact your Acumed representative to learn about program initiation and pricing.

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