

**Miniature, humanoid-shaped robotic arms (Ariel)**

[Nir Shvalb](#), Mechanical Engineering

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Memic has set out to transform robot-assisted surgery, with proprietary technology that has the potential to far surpasses today's best solutions. Providing unprecedented access and maneuverability, our Memic's Hominis surgical platform features miniature, humanoid-shaped robotic arms with human dexterity, superhuman flexibility, and 360° articulation for various access configurations. Dramatically smaller, more versatile, and less costly than current robotic platforms, our technology opens up a host of minimally-invasive procedures that until now have been off-limits to robot-assisted surgery. Some pipeline indications include abdominal single and multi-port surgery, as well as procedures performed in a trans-oral approach. We envision a near future where numerous indications - and millions of patients - will benefit from these disruptive capabilities.

<https://www.memicmed.com/>

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