

Tool Design Publications

Publications in Peer Review Journals:

- Nelson, C., Miller, D., Jones, D., Oleynikov, D., Pre-operative Ordering of Minimally Invasive Surgical Tools: A Fuzzy Inference System Approach, *Int J Artificial Intelligence in Medicine*, 2008, in press.
- Nelson, CA, Miller, DJ, Oleynikov, D. Design Methodology for a Novel Multifunction Laparoscopic Tool: Engineering for Surgeon's Needs. *Studies in Health Technology Informatics*, 2007; 125: 343-8.
- Trejo, A., Jung, M., Oleynikov, D., Hallbeck, M.S., Effect of Handle Design and Target Location on Insertion and Aim with a Laparoscopic Surgical Tool. *Applied Ergonomics*. 38(6): 745-753.
- Trejo, A., Done KN, DiMartino AA, Oleynikov D, and Hallbeck MS. Articulating vs. Conventional Laparoscopic Grasping Tools-Surgeon's Opinions. *International Journal of Industrial Ergonomics*. 2006; 36(1): 25-35.
- Ahmed S, Bocharov V, Oleynikov D, Sasson A, Patients with Pancreatic Adenocarcinoma Benefit from Staging Laparoscopy, *Journal of Laparoendoscopic & Advanced Surgical Techniques*. 2006 Oct; 16(5): 458-63.