

## **Hossam Abdou, MD**

**Hometown:** Chadds Ford, PA

**Undergrad:** Penn State

**Surgical Specialty Interest:** MIS, Vascular, Colorectal

**Hobbies:** Sports, Travel, Hanging with friends, and music

### **Publications:**

Abdou, H., Kidd-Romero, S., Kubicki, N., Kavic, S. "USMLE Step 1 is Pass/Fail – Should the ABSITE Follow Suit?" *Journal of Surgical Education* (September 2020).

Abdou, H., Tolaymat, B., Jinwala, F., Nagarsheth, K. "A Cautionary Tale of an Emergency Cerebrovascular Procedure in the COVID-19 Era." *Journal of Vascular Surgery Cases and Innovative Techniques* (September 2020).

Madurska, M., Abdou, H., Richmond, M., Elansary, N., Wong, P., Rasmussen, T., Scalea, T., Morrison, J. "Development of a Selective Aortic Arch Perfusion System in a Porcine Model of Exsanguination Cardiac Arrest." *Journal of Visualized Experiments* (August 2020).

Madurska, M., Abdou, H., Leung, L., Richmond, M., Elansary, N., Scalea, T., Hu, P., Morrison, J. "The Cardiac Physiology Underpinning Exsanguination Cardiac Arrest: Targets for Endovascular Resuscitation." *Shock* (July 2020).

CovidSurg Collaborative [Abdou, H., local collaborator]. "Mortality and pulmonary complications in patients undergoing surgery with perioperative SARS-CoV-2 infection: an international cohort study." *The Lancet* (July 2020): 396(10243):27-38.

Abdou, H., O'Meara, L., Diaz, J. "Damage Control Laparotomy with Appendectomy and Cesarean Section in the Setting of Perforated Appendicitis." *Surgical Case Reports* (June 2020).

Abdou, H., O'Meara, L., Diaz, J. "Damage Control Laparotomy with Appendectomy and Cesarean Section in the Setting of Perforated Appendicitis." *Surgical Case Reports* (June 2020).

Peng, J., Drobish, J., Liang, G., Wu, Z., Liu, C., Joseph, D., Abdou, H., Eckenhoff, M., Wei, H. "Anesthetic Preconditioning Inhibits Isoflurane-Mediated Apoptosis in the Developing Rat Brain." *Anesthesia & Analgesia* 119.4 (October 2014): 939-946.

Abdou, H. "The Effects of Uphill, Downhill, and Lateral Roll Treadmill Walking: An EMG, Kinematic, and Metabolic Analysis." Honors Thesis at Penn State University Schreyer Honors College (April 2012).

### **Presentations:**

Dreizin, D., Smith, E., Champ, K., Abdou, H., Morrison, J. "The Role of CT/CTA in Attempted Salvage of the Threatened or Mangled Extremity: From Secondary Survey to Damage Control Radiology." Oral presentation at the Radiological Society of North America, Virtual. November 2020. (National)

Champ, K., Dreizin, D., Li, G., Dattwyler, M., Singh, R., Abdou, H., Morrison, J. "The Potential Role of Multi-feature CT Volumetry for Personalized Outcome Prediction and Decision Support After Blunt Splenic Trauma." Poster presentation at the Radiological Society of North America, Virtual. November 2020. (National)

Bonin, J., Abdou, H., Patel, N., Edwards, J., Elansary, N., Morrison, J. "Development of a Clinically Relevant Swine Model of Raised Intracranial Pressure for Large Animal Shock and Organ Support Research." Oral presentation at the Program for Research Initiated by Students and Mentors Student Research Forum, Baltimore, MD. July 2020. (Local)

Poe, K., Abdou, H., Patel, N., Edwards, J., Richmond, M., Morrison, J. "Use of Intra-Arterial Contrast Injection in Computed Tomography in a Porcine Model." Oral presentation at the Program for Research Initiated by Students and Mentors Student Research Forum, Baltimore, MD. July 2020. (Local)

Madurska, M., Abdou, H., Leung, L., Richmond, M., Elansary, N., Scalea, T., Hu, P., Morrison, J. "The Cardiac Physiology Underpinning Exsanguination Cardiac Arrest: Targets for Endovascular Resuscitation." Poster presentation at the Shock Society Annual Conference, Toronto, ON, Canada. June 2020. (National)

Abdou, H., Madurska, M., Richmond, M., Elansary, N., Scalea, T., Morrison, J. "The Cardiac Physiology Underpinning Exsanguination Cardiac Arrest: Targets for Endovascular Resuscitation." Oral presentation at the Getz Research Symposium, Baltimore, MD. February 2020. (Local)

Wise, E., Abdou, H., Zafar, N., Kligman, M. "Thirty-day Adverse Outcomes after Laparoscopic Sleeve Gastrectomy and Roux-en-Y Gastric Bypass May be Increased in the National Expanded Body-Mass Index Criteria Cohort." Oral presentation at the American College of Surgeons, Boston, MA. October 2018. (National)

Wise, E., Abdou, H., Zafar, N., Kligman, M. "Thirty-day Adverse Outcomes after Laparoscopic Sleeve Gastrectomy and Roux-en-Y Gastric Bypass May be Increased in the National Expanded Body-Mass Index Criteria Cohort." Oral presentation at the Maryland American College of Surgeons Annual Meeting, Baltimore, MD. April 2018. (Regional)

Kugelman, D., Goel, R., Staub, T., Abdou, H., Sethi, A. "The Effects of Concussion Education on High School Athlete Perception and Decision Making." Poster presentation at The Pennsylvania Orthopedic Society Poster Session, Pittsburgh, PA. October 2016. (Regional)

Abdou, H., Chea, N., Mcgee, L., Sihly, N., Wing, S., Boll, J. "Initiating a Goal-Oriented Diabetic Counseling Intervention at Williamsport Family Medicine Residency Center." Poster presentation at the Geisinger Commonwealth School of Medicine Annual Research Symposium, Scranton, PA, May 2015. (Local)

Abdou, H., Chea, N., Goel, R., Jang, J., Lowry, S., Sihly, N., Sweeney, K., Miller, B., Kuchinski, E., Townsend, J., White, M. "Physician Habits When Treating and Managing Patients With Non-Malignant Chronic Pain." Poster presentation at The Pennsylvania Academy of Family Physicians Research Day, Philadelphia, PA. March 2015. (Regional)

Abdou, H. "Determining How Diarylpropionitrile (DPN) Functions in Conjunction with Dexamethasone (Dex) in Killing Glucocorticoid-Resistant Leukemic Cells." Oral presentation at the Geisinger Commonwealth School of Medicine Student Summer Research and Teaching Program Presentations, Scranton, PA, July 2014. (Local)

Abdou, H., Chea, N., Goel, R., Jang, J., Lowry, S., Sihly, N., Sweeney, K., Miller, B., Kuchinski, E., Townsend, J., White, M. "Physician Habits When Treating and Managing Patients With Non-Malignant Chronic Pain." Poster presentation at the Geisinger Commonwealth School of Medicine Annual Research Symposium, Scranton, PA, May 2014. (Local)

Abdou, H., Fishilevich, E., Minden, J. "Developing an Effective Marker for Autophagy in Live Organisms." Poster presentation at The Summer Undergraduate Research Program Poster Session, Pittsburgh, PA, July 2010. (Local)

## **CHAPTERS**

"Hernia" Chapter for *National Medical Series (NMS) for Independent Study: Surgery*. Editor review in process.

"Minimally Invasive Surgery" Chapter for *National Medical Series (NMS) for Independent Study: Surgery*. Editor review in process.