

MELISSA D. HARBEN

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OBJECTIVE

Provide high quality patient care at a dedicated cardiac facility using evidence based perfusion protocols to match patient needs with technique selection.

EDUCATION

9/05-8/07	The Ohio State University School of Allied Medicine	Columbus, OH
▪	Bachelors in Circulation Technology	
5/97-12/00	Purdue University at Indianapolis	Indianapolis, IN
▪	Bachelors in Psychology	
▪	Concentration in Biology and Communication	
5/96-5/97	Ball State University	Muncie, IN
▪	General studies	
3/03-present	Licensed and Certified Pharmacy Technician	Indianapolis, IN

CLINICAL EXPERIENCE

- Hardware and Disposables: Terumo System 1, IL POS blood gas analyzer, Medtronic Hepcon ACT
 - Clinical Procedures: VAD placement, adult ECMO, adult/pediatric circulatory arrest, MAZE procedures, AV/MV/PV/TV repair and replacement
 - Devices and Techniques: computerized charting, evidence based medicine protocol development, pulmonary artery/arterial blood pressure set-up/insertion/trouble shooting, AABB accreditation policy implementation
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| April 2007 | SUMMA, Akron, OH |
| May 2007 | HHP, Erie, PA |
| June 2007 | IU Riley, Indianapolis, IN |
| July 2007 | Indiana Heart Hospital, Indianapolis, IN |

PROFESSIONAL EXPERIENCE

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| 9/05-05/07 | Richard M. Ross Heart Hospital Operating Rooms | Columbus, OH |
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- Anesthesia Technician**
Patient transport and prep for surgery; assist anesthesiologist with equipment/blood products/drug transport, set-up ventilator/monitoring transducers/IVs; stock anesthesia cart drugs/fluids/disposables/hardware; maximize infection control; on-call hours for emergency cases
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|-----------|----------------------------------|--------------|
| 8/04-9/05 | The Ross Heart Hospital Pharmacy | Columbus, OH |
|-----------|----------------------------------|--------------|
- Certified Licensed Pharmacy Technician**
Supply and open new point of service pharmacy; implement drug transport protocols for documentation and billing; accurately prepare IV medications and nutrition and distribute medications; manage inventory.
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|------------|-----------------------------|------------------|
| 11/02-8/04 | The Heart Center of Indiana | Indianapolis, IN |
|------------|-----------------------------|------------------|
- Certified Licensed Pharmacy Technician**
Development team for new point of service pharmacy; develop transport and billing protocols; support clinical areas through distribution and preparation of medications; controlled substance audits in surgical arena; study optimizing drug distribution to surgical areas; provide leadership among pharmacy technicians; manage inventory; prepare IV medications.
- Saved The Heart Center of Indiana Pharmacy approximately \$3,000 through reduced inventory.

3/01-3/02 Roche Diagnostics Indianapolis, IN
Accu-Chek Customer Care Specialist

Answer technical/marketing inquiries concerning Roche Diagnostics Accu-Chek products; investigate customer issues to resolve and trouble shoot problems; distributor, professional, and account manager inquiries for device specs; provide technical support for studies as needed; appropriately handled confidential company information; build and retain customer base; use discretion with departmental budget; support supervisors through leadership among colleagues.

11/98-3/01 Community Hospitals, North Campus Indianapolis, IN
Pharmacy Technician

Manage inventory; process physician orders; prepare chemotherapy and intravenous medications; support departments in distribution and preparation of medications.

5/98-11/98 Community Hospitals, North Campus Indianapolis, IN
Mental Health Clinician

Care for patients in psychiatric ICU; counsel patients; prepare patients for electroconvulsive therapy treatments; perform intravenous blood draws and vital signs; train and supervise new employees; facilitate group therapy meetings.

3/97-5/98 Community Hospitals, East Campus Indianapolis, IN
Patient Support Partner, specializing in Women's Health

Monitor and care for patients in post-operative setting; intravenous laboratory blood draws; maintain wound dressings; evaluate and chart vital signs; care for the deceased; In first year promoted to supervisor to train new hires; provide schedules to meet surgical demand; meet JCAOH standards.

RESEARCH & PROFESSIONAL MEETINGS

4/07 "The Impact of Comorbidities and Aprotinin Administration On the Change In Creatinine in a Single Center Study." Columbus, OH

- The only OSU Circulation Technology student to ever obtain IRB approval for research
- Compared the change in creatinine levels from preoperative to 48 hours postoperative between groups of patients that received Aprotinin and groups of patients that did not receive Aprotinin
- Single center retrospective study based on chart reviews
- Verbal presentation at national AmSECT conference in Atlanta, GA April 2007

6/04 National Pharmacy Technician Convention San Antonio, TX

- 1 of 9 Pharmacy Technician presentations in the United States.
- "Optimizing Drug Distribution to Surgical Areas in an Acute Care Hospital" Oral Presentation

12/03 American Society of Health System Pharmacists Midyear Clinical Meeting New Orleans, LA

- 1 of 19 Pharmacy Technician presentations in the United States.
- Orally presented the data previously stated

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