

Level-2

ACHDの日常的診療を行えるレベル（1年程度のACHD研修）ACHD専門外来

•Advanced training (Level 2): Special expertise in adults with CHD

Basic Science: 後天性心疾患の病態生理の理解（特に心不全、不整脈、冠動脈疾患）

Adult Medical Care Issues: 成人特有の問題

- 冠動脈疾患、高血圧、高脂血症、慢性閉塞性肺疾患
- CHDの自然歴 •術後後遺症、長期予後
- 成人CHDの管理 •成人への移行の問題 •思春期の問題
- 外来診療の経験 •core curriculumでの講義
- 地域のACHD専門施設への紹介の適応
- 思春期と若年成人における診療の特異性
- 避妊、妊娠、出産にかかわる問題 •活動性と運動 •教育
- 医療保険 •就職 •心理学的問題

Participation requirements

- 成人先天性心疾患外来への参加、1回/週、10症例/週、ACHDの周術期管理、ACHD手術の観察

Program requirements

- ACHD専門医の配置（少なくとも1名）

iii)ACHDを専門としてみていくレベル（ACHD専門施設に長期に所属）

•Advanced Training (Level 3): Advanced Expertise in Adults with CHD

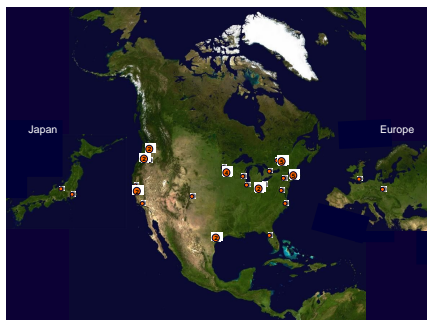
臨床研究および基礎研究

心エコー、心臓カテーテル検査を含む診療への参加

修練期間 24 months

- 経験症例数
- 40 catheterizations
 - 300 TTE cases
 - 50 TEE cases

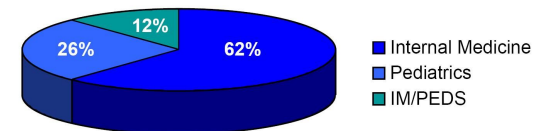
Current practice location for the 43 US ACHD fellowship graduates continuing to care for ACHD patients
Daniels C et al



Formal ACHD Fellowship Program

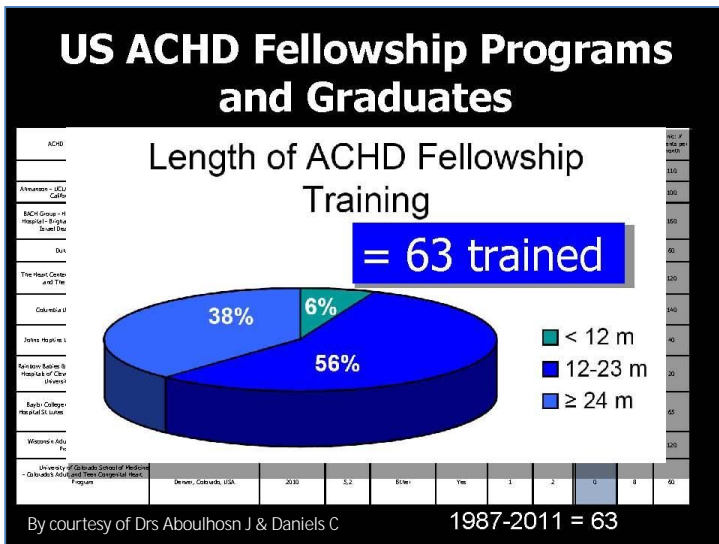
Royal Brompton Hosp
Mayo Clinic
UCLA
BACH(Harvard)
Toronto
Duke Medical Center
Columbus Heart Center
McGill Adult Center
Montreal Heart Institute
Baylor College of Medicine
Chiba Cardiovascular Center

ACHD Fellowship Graduates Cardiology Background



The majority of fellows followed an IM cardiology prior to fellowship

Daniels C et al



NEWS RELEASE

ABMS **2012, Dec**
American Board of Medical Specialties
Approved the subspecialty of ACHD

ABMS Announces Certification in New Subspecialty: Adult Congenital Heart Disease

CHICAGO - December 5, 2012 - The American Board of Medical Specialties (ABMS) announces the creation of physician certification in a new subspecialty: Adult Congenital Heart Disease (ACHD). The ABMS Board of Directors and ABMS Reserved Powers Board approved the subspecialty at its September 2012 meeting. The subspecialty will be offered by the American Board of Internal Medicine (ABIM) and will create a pathway for certification for cardiologists previously certified by either the ABIM or the American Board of Pediatrics (ABP) with the expectation that the certification exam will be available within the next three years. The Accreditation Council for Graduate Medical Education (ACGME) will be approached to develop accreditation standards for training programs very shortly.

"Children who suffer from Pediatric Congenital Heart Disease are now surviving into adulthood, with specialized medical needs that will be best met by trained specialists in Adult Congenital Heart Disease," noted Eric Holmboe, MD, FACP, ABIM's Chief Medical Officer. "This new subspecialty will enable patients to identify those clinicians with the competence and skill necessary to deliver quality care."

The ACHD subspecialty will:

- Meet the needs of the growing population of adults with congenital heart disease by ensuring there are enough physicians with the appropriate training to care for them in a consistent and comprehensive manner that is in compliance with recently published guidelines.
- Enable adult congenital heart specialists to work in an environment that specializes in caring for this patient population and provides a mechanism for transition of care from adolescence to adulthood that would eliminate gaps in medical care.
- Develop well-defined training pathways for internal and pediatric medicine cardiology trainees through the ABIM and the ABP. These pathways would culminate in a final common examination and subspecialty certification available.

By courtesy of Drs Aboulhosn J & Daniels

General Certificate(s)	Subspecialty Certificate(s)
American Board of Family Medicine	Adolescent Medicine Geriatric Medicine Hospital and Palliative Medicine Sleep Medicine Sports Medicine
American Board of Internal Medicine	Adolescent Medicine Adult Congenital Heart Disease Advanced Heart Failure and Transplant Cardiology Cardiovascular Disease Clinical Cardiac Electrophysiology Clinical Care Medicine Endocrinology, Diabetes and Metabolism Gastroenterology Geriatric Medicine Hematology Hospital and Palliative Medicine Infectious Disease Interventional Cardiology Medical Oncology Nephrology Pulmonary Disease Rheumatology Sleep Medicine Sports Medicine Transplant Hepatology
American Board of Medical Genetics	Medical Biochemical Genetics Molecular Genetic Pathology

