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"Strengthening the Capacity for Heart Surgery in Ethiopia"

By: Ethiopian fellows
November, 2018



Tikur Anbessa Specialized Hospital (TASH)



"A Disease-free World... r. Healthy Global Village"

"기병없는 세상, 건강한 지구촌"



TASH

- Founded in 1972 as the biggest teaching and tertiary referral center in the country
- Capacity: 700 beds with estimated 370,000-400,000 patients annually
- Staff
 - 300 specialist doctors
 - 400 resident physicians
 - 700 nurses
 - 115 other health professionals
 - 950 administrative staff
- Contains several specialty and subspecialty units for teaching and clinical service

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TASH

• Cardiac services

- Limited service was being delivered in Pediatric and adult cardiac surgery prior to 2016
- Facility:
 - Cardiac ICU established in 2016, with 4-6 functional beds
 - 1 functional adult CATH lab and 1 pediatric CATH lab under construction
 - 1 dedicated cardiothoracic surgical table



TASH

• Cardiac services

- Interventional adult cardiology
 - PCI, PM, CAG
 - 2-3 procedures per week
- Pediatric cardiac surgery
 - 1 open heart surgery/week
- Mission interventions
 - 5 South Korean Pediatric cardiac surgical missions
 - » More than 50 children with CHD were intervened
 - 2 Norwegian adult cardiac missions
 - » Around 80 adult patients were intervened

– Training capabilities

- 3 cardiac teams were trained in South Korea
- 1 cardiac team was trained in Norway



Experience from 2018.06 Surgery

• Expectations

- Operate on children with congenital cardiac diseases
- Percutaneous interventional procedures
- Knowledge, skill, and experience sharing with the S. Korean team
 - OR, ICU, lectures

• Done

- Operated on 10 children (age: 3-12 years)
 - 4/10 procedures performed by Ethiopian team
- Practical Knowledge, skill, and experience sharing in the ICU and the OR
- A lecture by Prof. Woong-Han Kim
- Review session



Experience of invitational training (2018.9.3.~11.2.)

• Expectations

- Acquire additional knowledge and skill
- Experience
 - Team based case management
 - Observation of the Korean (SNUH) setup
- Korean culture

• Learned

- Team based case management
- Experience in pediatric cardiac evaluation, surgical and interventional management, and ICU care
- Inspiration from SNUH setup
- International conferences
- Korean culture (language, food, history, way of living, etc.)



Experience of invitational training (2018.9.3.~11.2.)

How was the training program?

• Strengths

- Structured working schedule
- Well organized lectures
- Team based weekly meetings
- International conferences
- Dedicated staff
- Timely communication
- Dedicated interpreters
- Convenient living condition

• Weaknesses

- Lack of hands-on training
 - Issue of licensing
 - Time limitation
- Language barrier



Expectations for 2019.03. Surgery

- To have a well organized and capable Ethiopian team ready and in place
- To operate/intervene on more patients
- Longer stay of the SNUH team in TASH
- Keep up the good clinical knowledge and skill transfer
- Organize more teaching sessions



Conclusion

- It's a working program and we, as an institution and as individual health professionals, hope to benefit a lot from it!



"A Disease-free World... is a Healthy Global Village"

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