

Southern Philippines Medical Center Heart Institute surgical services from 2008 to 2017

Mark Angelo Andrada,¹ Clarence Xlasi Ladrero²

¹Infection Prevention and Control Unit, Department of Internal Medicine, Southern Philippines Medical Center, JP Laurel Ave, Davao City, JP Laurel Ave, Davao City

²Hospital Research and Publication Office, Southern Philippines Medical Center, JP Laurel Ave, Davao City, Philippines

Correspondence

Mark Angelo Andrada,
markandrada123@gmail.com

Article editor

Yasmin M Avila

Received

29 June 2018

Accepted

13 August 2018

Published online

15 August 2018

Cite as

Andrada MA, Ladrero CX. Southern Philippines Medical Center Heart Institute surgical services from 2009 to 2017. *SPMC J Health Care Serv.* 2018;4(1):5.
<http://n2t.net/ark:/76951/jhcs48v9dd>

Copyright

© 2018 MA Andrada, et al.

The Mindanao Heart Center (MHC) was inaugurated on 14 February 2007. On 10 October 2013, through Hospital Administration No. 174 series of 2013, MHC was renamed Southern Philippines Medical Center Heart Institute (SPMCHI). The Institute offers a wide range of cardiovascular medical and surgical services, including major heart surgeries such as ventricular septal defect (VSD) repair, tetralogy of Fallot (TOF) correction, and coronary artery bypass graft (CABG).

On 3 July 2012, the Philippine Health Insurance Corporation (PHIC) launched the Case Type Z Benefit Package (ZBP), a health financing scheme for patients with medical conditions that are classified as economically and medically catastrophic.¹ ZBP covers all expenses for the essential diagnostic and therapeutic management of patients with these conditions. Initially, ZBP only covered the expenses for acute lymphocytic lymphoblastic leukemia in children, early stage breast cancer, low to intermediate prostate cancer and kidney transplant for end-stage renal disease.² In February 2013, the PHIC included standard-risk CABG, total correction of TOF, and surgical closure of VSD in the list of surgical procedures covered by ZBP.³

To qualify for ZBP coverage, patients for VSD and TOF correction should be at least 1 to 10 years old.⁴ Moreover, these patients should not have any history of heart surgeries or stenting, associated congenital heart defects, or other comorbidities, and their New York Heart Association functional classification must be class I to II. Adults for CABG should be at least 19 years old. They must pass prior non-invasive viability tests and must have stable coronary artery disease with indication for CABG, based on coronary anatomy, severity of symptoms, and left ventricular function. Furthermore, they should not have any history of cardiothoracic surgeries through median sternotomy or any prior transcatheter cardiac interventions within 30 days prior to the CABG procedure.

While SPMCHI has been performing heart surgeries since shortly after it was established, the first heart surgery performed in the Institution under ZBP only happened in April 2014. To date, a total of 157 VSD repairs, 61 TOF corrections, and 369 CABG procedures have been performed in SPMCHI. From 2014 to 2017, annual ZBP coverage was (71/112) 63.39% for VSD, (24/41) 58.54% for TOF and (93/229) 40.61% for CABG. In general, the census for these heart surgeries has been increasing each year since PHIC started to offer the ZBP to eligible patients, indicating that the package has helped provide health care access among patients with economically catastrophic cardiovascular illnesses.

Acknowledgments

We would like to thank Ms Rhialyn Dumaquita and Ms Lani Paler of the Southern Philippines Medical Center (SPMC) Hospital Information Management Department, Ms Encarnacion Tabanao and Dr Federico Fuente of the SPMC Billing Section, Ms Vanessa Saren of Segworks Technologies Corporation, Mr Shandy Mar Tabanao of SPMC Integrated Hospital Operations and Management Program, Ms Charity L Mata, nursing head of SPMC Operating Room, Ms Maria Victoria Javonillo, clinical coordinator of the SPMC Heart Institute (SPMC HI) Nursing Division, and Ms Arcelyn Justol, Mr Neill Stephen Nacua and Dr Mark Edward Anthony Maruya of SPMC HI for providing the data and information used in this report.

Article source

Commissioned

Peer review

Internal

Competing interests

None declared

Access and license

This is an Open Access article licensed under the Creative Commons Attribution-NonCommercial 4.0 International License, which allows others to share and adapt the work, provided that derivative works bear appropriate citation to this original work and are not used for commercial purposes. To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/>.

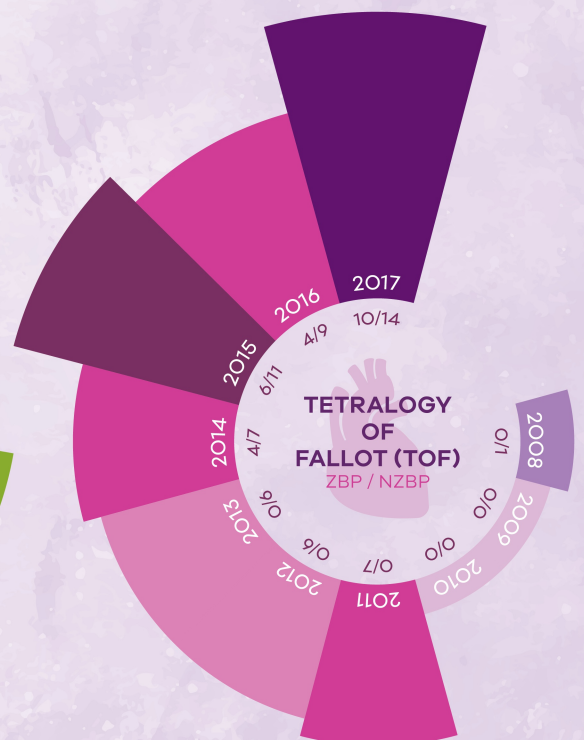
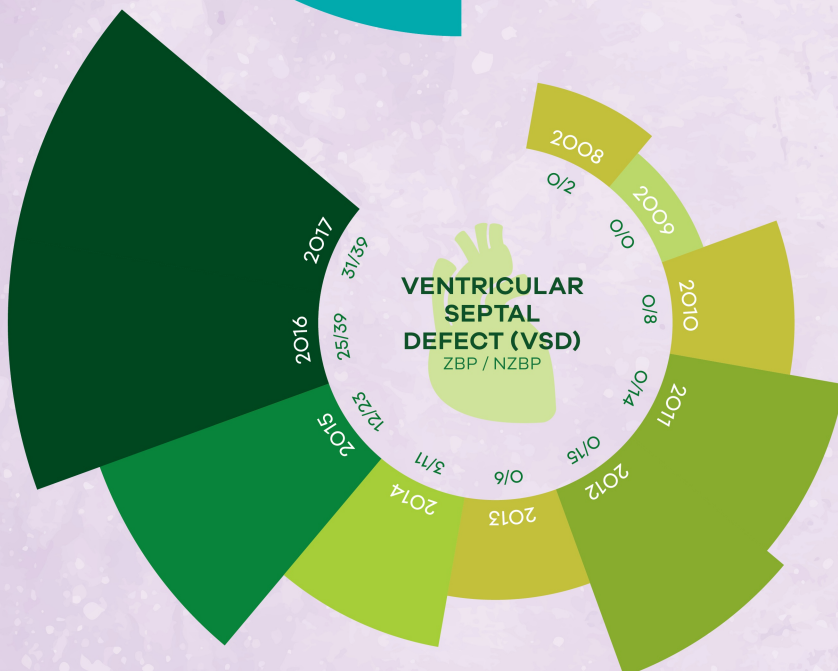
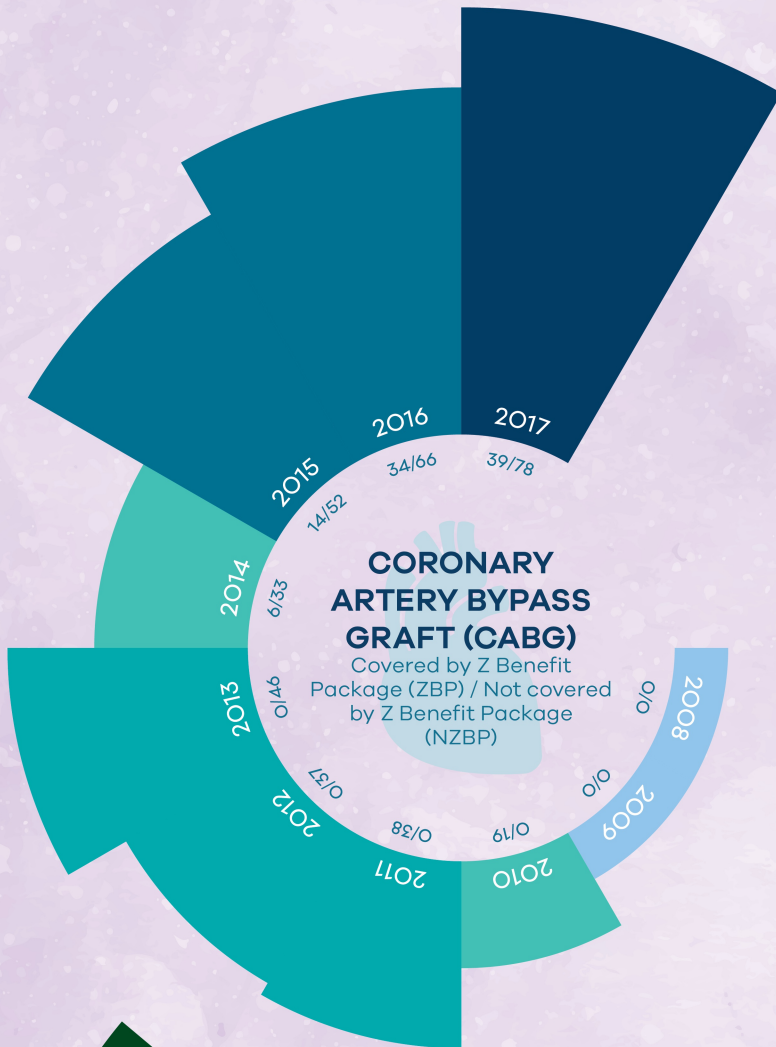
REFERENCES

1. Philippine Health Insurance Corporation. Governing Policies on PhilHealth Benefit Package for Case Type Z. PhilHealth Circular No. 029 s2012.
2. Philippine Health Insurance Corporation. Case Type Z Benefit Package for Acute Lymphocytic (Lymphoblastic) Leukemia (ALL).



Heart Institute

surgical services from 2008 to 2017



Breast Cancer, Prostate Cancer and Kidney Transplant.
PhilHealth Circular No. 030 s2012.

3. Philippine Health Insurance Corporation. Z Benefit package rates for Coronary Artery Bypass Graft surgery, surgery for

Tetralogy of Fallot, surgery for Ventricular Septal Defect and Cervical Cancer. PhilHealth Circular No. 002 s2013.

4. Philippine Health Insurance Corporation. The guiding principles of the Z Benefits. PhilHealth Circular No. 035 s2015.

Southern Philippines Medical Center Journal of Health Care Services Editors

Editor in chief: Alvin S Concha • **Issue Editors:** Maricarr Pamela M Lacuesta, Mark Anthony Tom • **Associate Editors:** Seurinane Sean B Española, Aura Rhea D Lanaban, Eugene Lee L Barinaga, Alex Ivan Junefourth Bolor • **Managing Editor:** Clarence Xlasi D Ladrero • **Assistant Editors:** Jaryll Gerard Ampog, Rodel C Roño • **Layout Editor:** Clarence Xlasi D Ladrero

SPMC JHCS OFFICE Hospital Research Office, Level 1 Outpatient Building, Southern Philippines Medical Center, JP Laurel Avenue, Davao City, Philippines
Landline (+6382) 2272731 loc 4615 • **Website** <http://spmcpapers.com> • **Email** info@spmcpapers.com