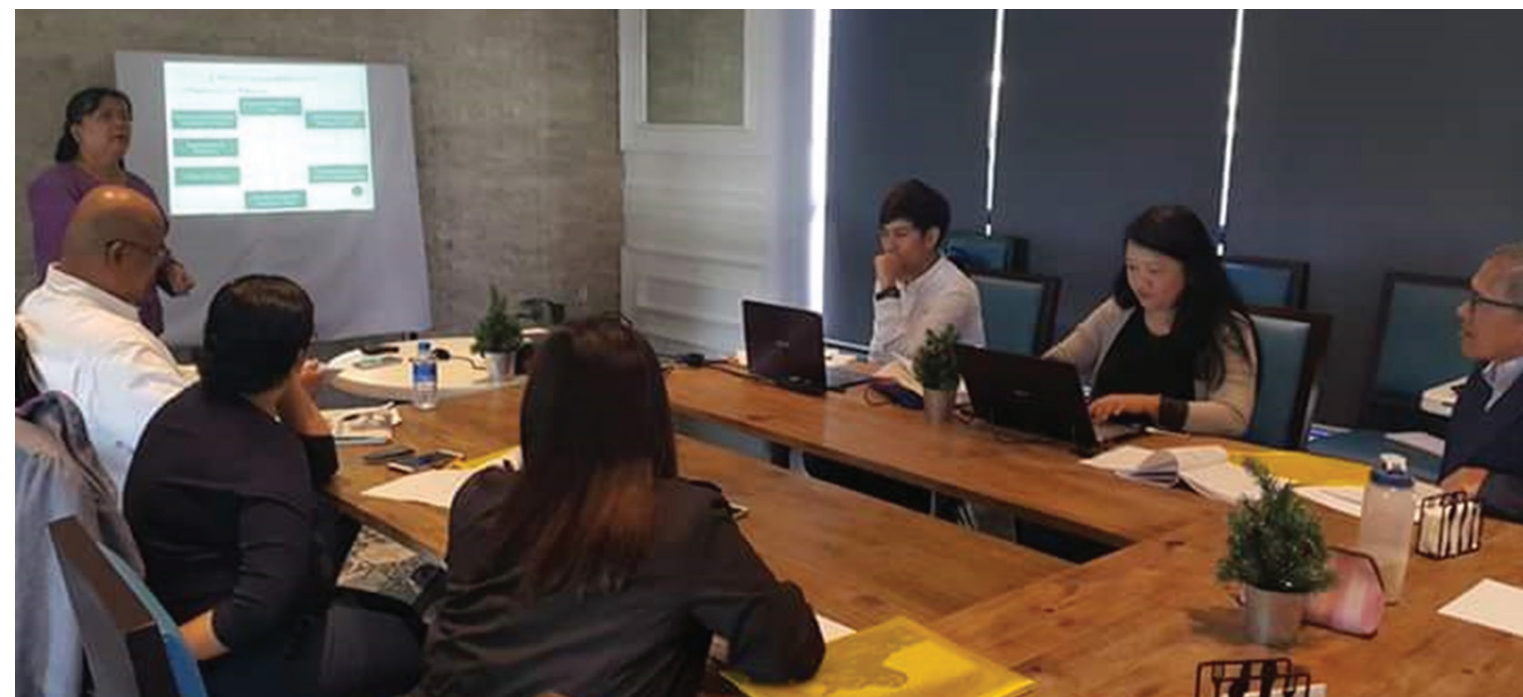


DOH-RO CAR Conducts Joint Technical Review



Participants and the technical review team discuss how newborn screening could be improved in the region.

To ensure the sustainability of the Comprehensive Newborn Screening System, the Regional Health Office and the Long-Term Follow-Up Clinic met for the Joint Regional Technical Review conducted by the DOH-RO Cordillera Administrative Region (CAR) at the Ritz Hotel, Baguio City, on November 23-24, 2017.

Dr. Florencio C. Dizon, NBS Quality Assurance Consultant, headed the review team, with Ma. Elouisa Reyes from NSRC and Dr. Bernadette Mendoza and Dr. Crislyn Samia from NSC-Central Luzon (NSC-CL) as members. Together, they assessed the program's operational structure, regional NBS plans and systems, and the regional health promotion plan and contingency plan both at the Regional Health Office and the NBS Long-Term Follow-up Clinic of Baguio General Hospital and Medical Center.

CAR remains to be the highest in NBS coverage in the country as well as the top performer in ENBS implementation. The Regional NBS Team was commended not only for its good practices but also for its efforts in making sure that screened positive patients are confirmed and monitored by the Long-Term Continuity Clinic. The review served to build up partnerships and cultivate good working relationships at various levels. Suitable measures were recommended and agreements were made at the end of the review to address the issues and concerns for better program management especially in the collection of quality samples. *VNarciso*

DOH-RO CAR Develops NBS Flipchart

To develop a communication tool promoting ENBS to women of reproductive age and other stakeholders in the communities, the DOH-RO CAR conducted a workshop that would create an NBS flipchart at the Regional Training Center, DOH-RO CAR Office, Baguio City, on November 21-22, 2017.

Volunteer Youth Leaders for Health (VYLH) members from different schools and representatives from professional health organizations, NSC-CL, and NSRC also took part in the workshop.

Workshop attendees worked in teams to discuss the content and design of the flipchart. Finally, the participants agreed to use illustrations and infographics, which would be easier for the target audience to understand. They also drafted recommended texts that will serve as guide for lecturers and recommended a training program so that both health workers and users will be able to hold effective sessions in

Continued on page 8 . . .



JBLMRH Explores Central Luzon for NBS Outreach

Some 123 patients benefited from the outreach activity spearheaded by the Newborn Screening Team of Jose B. Lingad Memorial Regional Hospital (JBLMRH) in Central Luzon on October 2-10, 2017.

On the first week of October, in observance of the National NBS Week and in its thrust to share the success of the newborn screening program, the NBS Team of JBLMRH distributed filter cards to district hospitals that cater to newborns from geographically isolated and disadvantaged areas in the province. Recipients include Jose Songco Lapid District Hospital; Escolastica Romero District Hospital; Rural Health Unit Porac, Pampanga; Rural Health Unit San Simon; Rural Health Unit Sasman; San Luis District Hospital; and Arayat District Hospital.

JBLMRH, a DOH Retained Hospital, already reached 100 percent newborn screening coverage; hence, it strengthened its advocacy and promoted expanded newborn screening by allocating filter cards and collecting newborn screening samples targeting newborns that need support the most.



Clockwise from top left: NBS Coordinators prepare materials for the NBS activity in Arayat District Hospital; mothers and their newborns queue up for free NBS provided by JBLMRH; NSC-CL staff discuss the importance of newborn screening during an activity held in Porac; ERDH staff together with the recipients of free NBS; San Simon residents filled up the covered court wherein activities were prepared by RHU San Simon.



During the course of activities, other health programs were incorporated such as nutritional counseling, Garantisadong Pambata, and pediatric consultations. There were 1,050 attendees including parents and health workers.

The NBS Team of JBLMRH who had conceptualized and facilitated the program included Dr. Walter Rivera, Dr. Cindy Kristel Miclat, Jacqueline Licup, Richelda Dione, Ma. Kareena Dumput, Carolyn Jovi Baybayan, Eloisa G. Raymundo, Merry Jane R. Sombillo, and Marishiela Labanillo. *NDelaCruz*



IN FOCUS

RHU Balay Paanakan– President Roxas



Participants undergo hands-on heel prick training at Cotabato Provincial Hospital in Kidapawan City.

Rural Health Unit (RHU) Balay Paanakan is a local government unit (LGU) facility providing health services to the people of President Roxas, North Cotabato. Among these services, free NBS to indigents and non-PhilHealth members is the most notable. In addition, the facility houses and caters to the needs of pregnant mothers who are a few weeks away from delivery. Families of the pregnant mothers receive groceries as well. Truly, RHU Balay Paanakan possesses a scheme worthy of being replicated by other facilities to help increase NBS coverage in their respective areas.

To further ensure that the targeted coverage is met, RHU Balay Paanakan staff attend NBS orientations and training programs. One of these capacity-building programs was the ENBS Orientation and Heel Prick Training at the President Roxas Municipal Function Hall on November 16-17, 2017. Forty-four health workers consisting of MHO, PHN, nurses, midwives, medical technologists, NDPS, RHMPPs, and PHA participated the event.

Mayor Jaime Mahimpit of President Roxas graced the event by giving the welcome remarks. Dr. Conchita Abarquez, Unit Head of NSC-Mindanao (NSC-M), discussed the 28 congenital disorders and unsatisfactory samples, while Sheila Mae Gularan, Program Manager, talked about the administrative mechanics at the NSC. Rohannah Mua, NBS Nurse Coordinator of DOH-RO 12, gave an orientation on NBS and ENBS and flow of operations. Participants had their hands-on heel-prick training at Cotabato Provincial Hospital in Amas, Kidapawan City, and in the RHU with the help of the NBS teams of the said facilities. *RMua*

NEWS BRIEFS

Reunion of Saved Babies in Butuan

The DOH-RO 13, together with NBS Continuity Clinic (NBSCC) Region 13, celebrated its 2nd Saved Babies Day at Almont Inland Resort, Butuan City, on December 19, 2017. Some 80 participants attended the event, many of whom were children with Glucose-6-Phosphate Dehydrogenase (G6PD) Deficiency and Congenital Hypothyroidism. The open forum was also actively participated in by families of patients who mostly came from Agusan del Sur and Agusan del Norte provinces. *NSalvo*

NSFs Year-End Meeting

The DOH-RO 10, in coordination with NSC-M, conducted a year-end meeting for NSFs at Sophie Red Hotel, Jasaan, Misamis Oriental, on November 29-30, 2017. The activity aimed to boost the regional performance and recognize the top-performing facilities in the region. Sixty-five participants composed of physicians, nurses, medical technologists, and midwives came from facilities with high program coverage and acceptable unsatisfactory rate. They also presented their respective provincial scores, best practices, and plans of action for the following year, and reports such as statistics on total samples received, unsatisfactory rate, return rate, screening age, and transit time. *RAguilar*

2 NSFs Share Best Campaign Award

Tagoloan Municipal Health Office Lying-in Clinic and Rural Health Unit–Wao bagged the Best Campaign Award in the annual competition organized by NSC-M as part of its NBS Week celebration. St. Paul Surigao University Hospital, Dr. Jose Rizal Memorial Hospital, Wao District Hospital, and Sindangan District Hospital received runner-up honors. All winners received newborn screening goods and certificates. *RAguilar*

Zonal Planning in Surigao del Sur

The DOH-ROs in Mindanao and NSC-M teamed up in conducting the Zonal Planning Workshop for Mindanao Cluster at Cantilan, Surigao del Sur, on December 5-7, 2017. Representatives from DOH-ROs 9, 10, 11, 12, CARAGA, and ARMM attended the activity where they reviewed regional performances in 2017, presented each region's performances, and discussed on areas that needed improvements such as sample receipt and collection and on issues and concerns on follow-up and recall. *SMGularan*



Mindanao Cluster NBS Awards 2017 Feature 344 Awardees

The NBS Team of Mindanao Cluster handed out 344 awards during the 7th Newborn Screening Awards held at Pearlmont Inn, Cagayan de Oro City, on November 27, 2017, in recognition of the efforts of partners and stakeholders in the implementation of newborn screening.

There were three categories of the NBS Awards: Special Awards for individuals or groups who have made exemplary contribution to the NBS Program through various initiatives or innovations; Achiever's Awards for NSFs whose performance ratings had met the criteria set by DOH and NSRC; and

Exemplary Awards for NSFs whose performance ratings had met the criteria set for the past two consecutive years.

Region 12 led the pack with 97 awardees (15 Achiever's Award for 2015, 48 Achiever's Award for 2016, and 34 Exemplary Awards); Region 9 hailed 58 awardees (2 Special Awards, 14 Achiever's Award for 2015, 15 Achiever's Award for 2016, and 27 Exemplary Awards); Region 10 got 85 awardees (2 Special Awards, 17 Achiever's Award for 2015, 41 Achiever's Award for 2016, and 25 Exemplary Awards); Region 11 had 73 awardees (17 Achiever's Award for 2015, 21 Achiever's Award for 2016, and 35 Exemplary Awards); CARAGA Region had 25 awardees (2 Special Awards, 9 Achiever's Award for 2015, 6 Achiever's Award for 2016, and 8 Exemplary Awards); and ARMM, 6 awardees (1 Achiever's Award for 2015, 2 Achiever's Award for 2016, and 3 Exemplary Awards).



All the awardees from Region 10 with (seated from left to right) Karen Q. Yee, DOH-RO 10 Family Health Cluster Head; Dr. Conchita G. Abarquez, NSC-M Unit Head; Gil Bernard Samante, DOH-RO 10 NBS Nurse; Dr. Ellenietta Gamolo, DOH-RO 10 Program Manager; Angel F. Balansaga, DOH-RO 10 Nurse III.

LIST OF AWARDEES

SPECIAL AWARDS

Ms. Zefanie Sylyuy
 Ms. Belia Bohol
 Mr. Anthony Torralba
 Dr. Psyche Nebrada
 City Health Office - Malaybalay
 City Health Office - Valencia

2015 ACHIEVERS

Angels Crib Lying-In
 Ayuban-Membrado Maternity Clinic
 Bailok Lying-In Clinic
 Barangay Puga-an Health Center
 Bontuyan Medical Hospital, Inc.
 Bukidnon Provincial Hospital - Talagag
 Butuan Puericulture Center
 Calunod Paanakan Center
 City Health Office - Birthing Home
 Clinica Ozaraga
 Columbio Birthing Home
 Compostela Valley Provincial Hospital - Laak
 Cortes RHU and Birthing Facility
 Davao Oriental Provincial Medical Center
 Dr. Arturo P. Pingoy Medical Center
 Dr. Lorenzo B. Principe Clinic & Drugstore, Inc.
 Dr. Serapio Memorial Hospital
 El Salvador City Health Office and Lying-In
 Franco Clinic & Hospital
 Good Shepherd Hospital
 Howard Hubbard Memorial Hospital
 Ipll Doctors Hospital

Isaac T. Robillo Memorial Hospital
 Isulan Doctors Specialists Center, Inc.
 Jose C. Catalico, Sr. Puericulture
 Family Planning & Maternity Center, Inc.
 Juan S. Alano Memorial Hospital, Inc.
 Labian Medical and Maternity Clinic
 Llanos Medical Clinic Hospital
 Lugaig Maternity and Family Care Center
 Macasandig Health Center
 Malimono District Hospital
 MAP Lying-In
 Maranding Community Hospital
 Mario B. Simon Hospital
 Medical Center of Digos Cooperative
 Medicare Community Hospital of Manukan
 Mercy Community Hospital, Inc.
 Metro Pagadian Specialist Hospital, Inc.
 Mindanao Central Sanitarium and General Hospital
 Molave Maternity Clinic
 Mt. Apo Birthing Home and Clinic
 Municipal Health Office - Catarman, Camiguin
 Municipal Health Office - Quezon
 Municipal Health Office - Tubod
 New Bayugan Medical Hospital
 Philsaga Mining Hospital
 Precious Child Lying-In Clinic
 RHU Senator Ninoy Aquino
 RHU - Guipos
 Rural Health Unit - Labason, Zamboanga del Norte

Rural Health Unit - Maco
 Rural Health Unit - Roxas, Zamboanga del Norte
 Rural Health Unit & Family Planning Center - Carmen
 Rural Health Unit Birthing Center - Magpet, Cotabato
 Rural Health Unit - Claveria, Misamis Oriental
 Rural Health Unit of Tukuran
 Rural Health Unit - Jimenez, Misamis Occidental
 Salug Valley Medical Hospital (formerly Igano Community Hospital)
 San Fernando - RHU Birthing Home
 San Francisco Doctors Hospital, Inc.
 San Miguel Birthing Home Center
 Simata Barangay Health Station
 St. Mary's Birthing Center
 St. Joseph General Hospital - Ozamis City
 St. Mary's Hospital - Iligan
 Suarez Health Center
 Sunga Hospital
 Tagum Doctors Hospital
 Tetuan Health Center, Zamboanga City
 Washington District Birthing Facility
 Well-Family Midwife Clinic - De Castro
 WFMCC - Nabunturan

Rural Health Unit - Maco
 Amal Pakpak Medical Center
 Angels Home Birthing Clinic
 Arline Birthing Home and Family Planning Clinic
 Bacolod Main Health Center
 Balo-I Rural Health Unit - MCP
 Blessed Mother Birthing Home
 Buhia Medical and Maternity Clinic
 Bukidnon Provincial Hospital - Malitbog
 Bukidnon Provincial Hospital - Manolo Fortich
 Bukidnon Provincial Hospital - Kibawan
 Bukidnon Provincial Hospital - Kallangan
 Buru-un Health Center
 Butong Lying-In Center
 Butuan Doctors Hospital
 Buug Municipal Health Office
 Cabanglasan Birthing Clinic
 Capitol University Medical Center
 Foundation of Agayan, Inc.
 CEM Medical Specialist Hospital
 Central Mindanao University Hospital
 CHO - Pagadian
 City Health Office - Digos City
 City Health Office - Cabaobaran
 City Health Office - Cagayan de Oro
 City of Mati Balay Paanakan - North
 Ciudad Medical Zamboanga
 Compostela Valley Provincial Hospital - Pantukan
 Conel Lying-In Center
 Corazon C. Aquino Hospital



Continued on page 6 . . .

Cotabato Provincial Hospital
Cotabato Puericulture Center & General Hospital Foundation, Inc.
Dakila Drive Ultrasound and Maternity Clinic
Davao del Sur Provincial Hospital
Davao Doctors Hospital
Davao Oriental Provincial Hospital - Lupon
Diana Victoria Birthing Home
Dimataling Rural Health Unit
DOH-MCP Lurugan
Dolly's Birthing Home
Don Carlos Doctors Hospital
Dr. Alberto M. Pastor Hospital
El Salvador Lying-In Clinic
Emily Homes Maternity Clinic
Fame Midwife Clinic
FPOP Malungon
Fr. Tulio Favali Municipal Hospital
Gelito-Dahan Midwife Clinic
George Y. Yabes Maternity Home
Goldenstate Maternity Clinic
Greenfield Birthing Home
Habitat Birthing Home Clinic
Hinatuan Birthing Facility Municipal Health Office
J. R. Borja Memorial City Hospital
JERS Lying-In
JM Claire Maternity Birthing Clinic
Kapalong Safe Birthing Home
Kauswagan Provincial Hospital
Kiamba District Hospital (Cornelio T. Martinez, Sr. Memorial Hospital)
Kolambagan District Hospital
Laguindingan Municipal Health Office
Larosa Clinic and Hospital
Life Health Care Maternity Clinic
Lingig Community Hospital
Lorenzo Tan Multi-Purpose Cooperative Community Hospital
Lun Padiu Birthing Home
Magsaysay Municipal Health Office
Maguling Health Center and Birthing Home
Malita Main Health Center
Malungon Municipal Hospital
Maraat Medical Hospital
Marihatag District Hospital
Marydel Birthing Home
Medina Rural Health Unit
Mercy Maternity Center, Inc.
Midsayap Diagnostics Center & Hospital
Mis. Or. Provincial Hospital - Claveria
Miang Specialists Medical Center (MSMC)
Mother Barangay Poblacion Birthing Center
Mother's Home Care and Medical Clinic
Municipal Health Office - Pantukan, Compostela Valley
Municipal Health Office - San Pablo, Zamboanga del Sur
Municipal Health Office - Santo Tomas
Municipal Health Office - Sta. Cruz
Municipal Health Office - Mahinog
Nalzarzo Lying-In Clinic
OWWA Misamis Oriental Provincial Hospital - Alubijid
Oxymax Maternity Center
Pagadian City Medical Center
Perpetual Help Birthing Home
Polanco Rural Health Unit
Precious Jewels Maternity and Lying-In Clinic
Precious Moment Birthing Home
Punta Blanca Birthing Clinic

RHU - Mailitbog, Bukidnon
RHU - San Miguel, Zamboanga del Sur
Roa Medical Clinic
Roel I. Senador, MD Memorial Hospital
Rural Health Unit - Caraga, Davao Oriental
Rural Health Unit - Kalamansig, Sultan Kudarat
Rural Health Unit - Makilala, Cotabato
Rural Health Unit - Pigcawayan
Rural Health Unit - Tulunan
Rural Health Unit - Kinoguitan
Rural Health Unit - Linamon
Rural Health Unit - Mlang, Cotabato
Rural Health Unit - Sto. Niño, South Cotabato
Rural Health Unit - Loreto, Dinagat Islands
Saint Mary's Lying-In Clinic
Shiprah-Puah Maternity Clinic
Simbulan Santo Niño Hospital
Socargen County Hospital
Sorilla Medical and Maternity Clinic and Hospital
St. Dominic Angel's Cradle Maternity Center - Sarangani Branch
St. Joseph Southern Bukidnon Hospital
St. Margaret Birthing Home
Sulu Provincial Hospital
Surallah Municipal Health Office Lying-In
Susie Camacho-Gedorio Ob-Gyne Clinic
Tambulig Rural Health Unit
Telewik Maternity Clinic
Tupi Rural Health Unit
Unang Yakap Lying-In (GSC)
Urbano Maternity and Family Planning Clinic
Valdez Mother and Child Clinic and Hospital
Valencia Polymedic General Hospital, Inc.
Viacrucis Medical Clinic and Hospital
Virginia Castones Lying-In Clinic
Well Family Midwife Clinic (Ipil)
Wellcare Paanakan Clinic
Women's Ambulatory Clinic and Birthing Home

Ministries
Bukidnon Provincial Hospital of Maramag
Bukidnon Provincial Medical Center
Bula Community Lying-In Center
Cagayan de Oro Polymedic Medical Plaza
Carriguin General Hospital
Carrascal Primary Health Care Facility
Centeno Medical Specialists Hospital, Inc.
Community Health & Development Cooperative Hospital
Compostela Valley Provincial Hospital - Maragusan
Davao Del Norte Hospital IGACOS Zone
Davao Medical School Foundation Hospital
Davao Mediquist Hospital, Inc.
Davao Regional Hospital
Digos Maternity Lying-In Clinic
Dipolog City Birthing Home
Simbulan Santo Niño Hospital
Socargen County Hospital
Sorilla Medical and Maternity Clinic and Hospital
Dr. Jose Rizal Memorial Hospital
Dumalinao Rural Health Unit
E & R Hospital and Pharmacy
Eden P. Mendoza Well-Family Midwife Clinic
Faith Hospital
Family Planning Organization of the Philippines - Community Health Care Clinic
FN-Tibe Birthing Home
GIG Oca Robles Seamen's Hospital Davao
Glan Medicare Community Hospital
Gonzales Maranan Medical Center, Inc.
Hofiteña Hospital
Jambo Maternity Clinic
Kabacan Medical Specialist, Inc.
Kapatagan Provincial Hospital
Kiamba Birthing Home, Municipal Health Office
Kidapawan Medical Specialists Center, Inc.
La Viña General Hospital, Inc.
Lambayong Birthing Home
Lanao del Norte Provincial Hospital
LGU Danggagan Lying-In Clinic
Liloy Integrated Health District Hospital
Madonna & Child Birthing Home
Malaybalay Polymedic General Hospital
Malungon Health Center
Mangagoy Public-Private Mixed Birthing Facility
Margosatubig Regional Hospital
Matavia-Tomines Ob-Gyn Clinic
Mayor Hilario A. Ramiro Sr. Regional Training & Teaching Hospital
Midsayap Community Doctors Hospital
Misamis Occidental Provincial Hospital
Mother and Baby Care Lying-In Clinic
Municipal Health Center & Lying-In Clinic
Municipal Health Center of Maramag
Municipal Health Office - Banaybanay
Municipal Health Office - Lupon, Davao Oriental
Municipal Health Office - Aloran
Municipal Health Office - Esperanza, Sultan Kudarat

Municipal Health Office of Norala
Municipal Health Office - Isulan, Sultan Kudarat
Northern Mindanao Medical Center
Notre Dame Hospital & School of Midwifery
Panabo Polymedic Hospital
PEEDO Davao Del Norte Hospital (Kapalong Zone)
PEEDO Davao del Norte Hospital - Carmen Zone
Phillips Memorial Hospital
Polomolok Lying-In
Polomolok Municipal Hospital
Quijano Clinic and Hospital, Inc.
Raiz-Rich Birthing Home and Family Planning Clinic
Ramon Magsaysay Rural Health Unit
RHU - Bagumbayan (Birthing Home)
RHU - Montevista
RHU - Nabunturan Birthing Clinic
Ricardo Limso Medical Center, Inc.
Rural Health Unit - Bansalan
Rural Health Unit - Gutalac, Zamboanga del Norte
Rural Health Unit - Kumalarang
Rural Health Unit - La Libertad, Zamboanga del Norte
Rural Health Unit - Liloy, Zamboanga del Norte
Rural Health Unit - New Bataan, Compostela Valley
Rural Health Unit - Padada
Rural Health Unit - Rizal, Zamboanga del Norte
Rural Health Unit - Sibutad, Zamboanga del Norte
Rural Health Unit and Balay Paanakan
Rural Health Unit - Midsayap, Cotabato
Rural Health Unit - Tantangan, South Cotabato
Rural Health Unit - Compostela, Compostela Valley
Rural Health Unit - Lala Sabal Hospital, Inc.
Saint Elizabeth Hospital, Inc.
Salug Rural Health Unit
San Pedro Hospital of Davao City, Inc.
Sandig Medical Clinic and Hospital
South Cotabato Provincial Hospital
Southern Philippines Medical Center
St. John of the Cross Hospital
Sta. Lucia MHC
T & R Lying-In Clinic
Tacurong City Birthing Home
Tagoloan Municipal Health Office Lying-In Clinic
Tboli Lying-In Clinic
Tecarro College Foundation, Inc.
Tinagacan Lying-In Clinic
Tubod Maternity Clinic
Tubod Rural Health Unit
Tungawan Municipal Health Office
Well-Family Midwife Clinic - Enriquez
WFMCC - Manansala
Zamboanga City Medical Center
Zamboanga del Norte Cooperative Hospital MMGHHS
Zamboanga del Norte Medical Center
Zamboanga del Sur Medical Center
Zamboanga Doctor's Hospital
Zamboanga Peninsula Medical Center, Inc.
Zamboanga Puericulture Center Maternity Lying-In Hospital

IN THE KNOW: MEDIUM-CHAIN ACYL-COA DEHYDROGENASE DEFICIENCY

Medium Chain Acyl-CoA Dehydrogenase Deficiency (MCADD) is the most common defect of fatty acid oxidation.

Clinical Manifestation. MCADD has a very wide spectrum of clinical presentations ranging from benign hypoglycemia to coma and death. Two presentations have been noted: (1) hypoketotic hypoglycemia or Reye syndrome which occurs within the first two years of life and (2) the chronic disruption of muscle function which include cardiomyopathy, weakness, hypotonia, and arrhythmia. In addition, MCADD has been shown to be associated with sudden infant death syndrome (SIDS). A "metabolic stress" such as prolonged fasting often in connection with viral infections is usually required to precipitate disease manifestations, but patients are completely asymptomatic between episodes.

Pathophysiology. MCAD catalyzes the initial step in the β -oxidation of C12-C6 straight chain acyl-CoAs and MCADD results in a lack of production of energy from β -oxidation of medium chain fatty acids and hepatic ketogenesis and gluconeogenesis

Inheritance: Autosomal recessive

Confirmatory Testing. Urine organic acid profile will show medium chain dicarboxylic aciduria. Measurement of the specific MCAD enzyme activity in disrupted cultures skin fibroblasts, lymphocytes, or tissue biopsies from muscle can confirm the diagnosis. Rapid screening is available for two of the most common mutations, which account for over 93 percent of all MCAD mutations (A985G and 4 bp deletion).

Overview of Disease Management. Treatment consists of avoidance of prolonged fasting by instituting frequent feedings with a carbohydrate rich diet and provision of supplementary nocturnal uncooked cornstarch. The use of carnitine is still under debate.

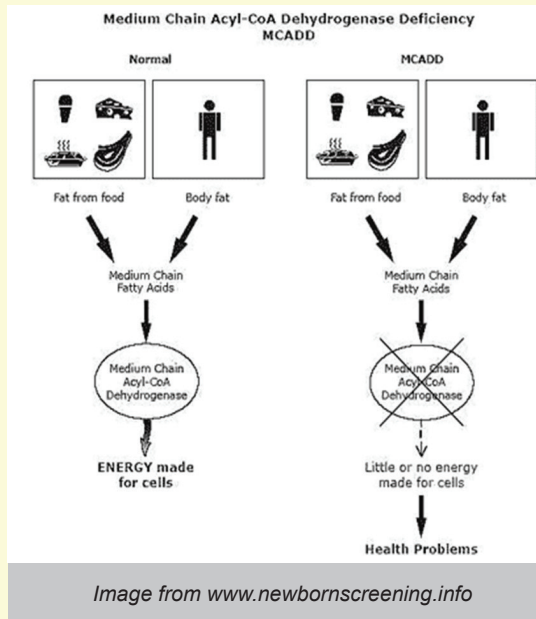


Image from www.newbornscreening.info

What To Do

If unwell and cannot tolerate oral intake:

- Nothing per ore
 - Ensure patient's airway is secure
 - Insert IV access. Monitor glucose levels. May request for investigations (i.e., CBC etc.) as needed.
 - May give fluid boluses if patient requires.
 - Start D10% 0.3NaCl at full maintenance. Assess patient clinically; if there is need to increase fluid, do so up to 1.2 or 1.5 times the maintenance.
 - Monitor input and output strictly (q6 hours).
- If unwell and can tolerate oral intake:
- Encourage regular feeding
 - Insert IV access. Monitor glucose levels. May request for investigations (i.e., CBC etc.) as needed.
 - Start D10% 0.3NaCl at 5-10 cc/hr.
 - Monitor input and output strictly (q6 hours).

Source: *Fact Sheets for Doctors*, May 2016, accessed at www.newbornscreening.ph on December 18, 2017.

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DOH-RO CAR . . . from page 2

Ilocano or any language the audience is most familiar with. The flipchart will cover frequently asked questions on ENBS and a few issues that influence women's access to the program.

The launch of the NBS flipchart is set in the middle of the year.



Seated from left to right: Lilia Dado, IMAP Regional President, Baguio Chapter; Florenz Nastor, LTFU Nurse, CAR; Dr. Virginia Narciso, CAHDC Cluster Head; Vina Mendoza, PDO IV, NSRC; Don Santos, Nurse III, NSC-CL; and Kia Rosario, Regional NBS Nurse Coordinator. Standing from left to right (participants of the ENBS training in Zamboanga City): Jemimah Blanco, VYLH-Abra; Florita Sacgaca, Clinical Instructor; XIJEN - Mt. Province; Jun Palomares, VYLH-Abra; Brenda Satur, Regional President, PLGPMI; Jomar Durdal, VYLH-Kalinga Chairman; Glenda Palomado, VYLH-Kalinga; and Jocelyn Paltayan, VYLH-Benguet.

Your Feedback Is Important to Us!

Thank you for reading our newsletters! We would love to hear your feedback. Please let us know how we can improve our bimonthly newsletters by answering our feedback form at www.newbornscreening.ph. If you would like to write an article, please contact us at info@newbornscreening.ph. We will do our best to keep you informed about current and relevant newborn screening issues.



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7 In The Know: Medium Chain Acyl-CoA Dehydrogenase Deficiency

DOH-RO CALABARZON Holds First NBS Awards

The Department of Health—Regional Office (DOH-RO) CALABARZON, in partnership with the Newborn Screening Center—Southern Luzon (NSC-SL), held the First Regional NBS Awarding at Taal Vista Hotel, Tagaytay City, on November 28, 2017. The event recognized more than 200 newborn screening facilities (NSFs) that made significant contributions in the implementation of newborn screening.

Ma. Elouisa Reyes, Newborn Screening Reference Center (NSRC) OIC-Director, graced the event and gave a short message regarding the success of the program in the past years. Afterward, Dr. Rio L. Magpantay, Director of DOH-RO 4, danced his way to the stage, to the laughter of the attendees, and delivered an inspirational message.

The Achievers Award was given to NSF's whose performance rating for 2015 or

2016 was 95 percent and above, while the Exemplary Award was given to those that achieved coverage for two consecutive years. Finally, a special award was given to the City Health Office of Tanauan for its best practice in the region by giving free Expanded NBS (ENBS) to its newborns. JAYAP



Director Dr. Rio L. Magpantay delivers his inspirational message to the participants.

Number of Babies Screened as of December 2017

10,653,226

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newborn
screening

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