

West Virginia Perinatal Transport Summit

June 19, 2008

Days Hotel, Flatwoods West Virginia

West Virginia Perinatal Partnership - 2008

a project of the

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West Virginia Community Voices

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Invitation to Perinatal Transport Summit

Please mark your calendar for an important summit. Results of our surveys show that we need to improve the perinatal transport system in West Virginia. Last year the perinatal partnership transport committee made recommendations to improve transport for high risk mothers and babies. Now it's time to implement the recommendations and we need your input and feedback. See attached reports and agenda. This summit is limited to those health professionals and administrators from facilities and organizations involved with maternal and infant transport.

What: Perinatal Transport Summit

Where: Days Inn, Flatwoods, WV

When: Thursday, June 19, 2008, 8:30 am - 4:00 pm

How: Summit is free and includes lunch. A limited number of rooms will be available at no cost to hospital delegates who have to travel over 100 miles or need to come in the night before. Rooms are reserved for the night before the summit (June 18th) and will be available on a first come, first served basis. Contact me if you will need a room.

Why: The purpose of the summit is to bring key perinatal providers together to discuss implementation of the recommendations of the Perinatal Partnership Transport Committee to outline a plan of action.

Who: Delegates to the summit will include

- Representatives from each transport team and each perinatal center
- Two representatives from each non-tertiary ob/newborn facility in West Virginia
- Representatives from West Virginia EMS System
- Representative of WVBPH Office of Maternal Child and Family Health
- Hospital Administrators and Insurance Payers.

This is a working summit. Bring your ideas! We need your expertise and valuable insight from frontline of perinatal care.

Please email Ann Dacey if you have any questions or to register. In the meantime, please discuss this with your medical, administrative, and nursing staff and decide who from your facility should attend.

Ann Dacey atdacey@hsc.wvu.edu

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West Virginia Perinatal Partnership
Committee on Perinatal Consultation, Transport, and Outreach Education
Perinatal Transport Summit
June 19, 2008
Agenda

7:45 a.m. Registration and Continental Breakfast

Current State of Affairs in West Virginia Perinatal Transport

8:30 a.m. Welcome and Introductions
Robert Nerhood, MD, Chair, West Virginia Perinatal Partnership
Findings and Recommendations of the West Virginia Perinatal Partnership, Committee
Renee Domanico, MD, Neonatologist at Cabell Huntington Hospital, Marshall University and
Chair of Perinatal Partnership Transport Committee

9:00 Summary of Transport System from the Three Tertiary Care Centers
Presentations from representatives (ob and neonatal) from each tertiary care center:

Each center will give summary of their transport programs and include the following:

- i. Current number of beds at institution
- ii. Current specialty services available at institution
- iii. Number of transports/month (ground and air)
- iv. Number of turned down transports per month
- v. Reasons for turning down transports
- vi. Current professional compositions of transport teams/training
- vii. Ambulance services used/Reimbursement for transport

10:00 Break

10:15 Maternal Transport Program at Cabell Huntington Hospital
Robert Nerhood, MD, Debbie Holmes, RN
History, guidelines, advantages, disadvantages, cost, and funding

10:45 Overview of WV Emergency Transport System and Update on Single Call System
William D. Ramsey, M.D., State Trauma and Emergency Care System, State EMS Medical
Director

11:30 Questions and input from hospital delegates

12:00 Lunch

Emergency Medical Treatment and Active Labor Act (EMTALA) Issues and Perinatal Transport
Frederick C. Blum, M.D., F.A.C.E.P., F.A.A.P., Associate Professor of Emergency, Medicine,
Pediatrics and Internal Medicine, West Virginia University School of Medicine

1:30 pm Planning the Future

Developing a single call system
Moderator: Renee Domanico, MD,
Pros and Cons
Importance of referring physician's ability to consult
Results of Hospital Survey
Ann Dacey, RN
Characteristics of center include:

- i. Daily knowledge of all NICU and high risk maternal beds (Bedboard) available in the West Virginia and surrounding states
- ii. Ability to immediately connect referring physicians with the appropriate neonatal or obstetrical specialists for consultation and care recommendations while awaiting transports
- iii. The ability to find available beds and arrange the transports of mothers or babies.
- iv. The ability to (whenever possible) arrange transports to tertiary centers closest to the homes of mothers and babies.

Perinatal Outreach Education and Guideline development

Moderator: Renee Domanico, MD,

History of outreach education in West Virginia

Robert Nerhood, MD, Ann Dacey, RN

Panelists from each tertiary facility will give summary of perinatal outreach education activities at the center.

Results of Outreach Education survey Group will explore the development of:

- i. An organized perinatal outreach education program coordinated by each of the three Level III Perinatal facilities for each of their referral hospitals.
- ii. A centrally maintained website with evidence-based guidelines for maternal-fetal and neonatal care including:
 - Transport data checklist for referral hospitals
 - Resuscitation, stabilization and transport guidelines for mothers and infants
 - General care for mothers and infants
 - Development of these guidelines should take place in collaboration with perinatal care providers across West Virginia

Samples from Other States

Ann Dacey, RN

Reverse Transport

Janet Graeber, MD, Director of Neonatology, WVU School of Medicine and Children's Hospital.

Chair Perinatal Partnership Neonatal Guidelines Committee

History and current climate

Results of hospital survey

Group will define:

- i. Guidelines and
- ii. education component

Administrative and Reimbursement Issues/Funding for outreach education

Group will explore

- i. Issues related to reimbursement
 1. reimbursement for reverse transport
 1. same level of care
 2. lower level of care
- ii. Funding
 1. for transport teams
 2. outreach education

3:30 Where do we go from here?
Committee formation

4:00 pm Adjourn

West Virginia Perinatal Partnership
Committee on Perinatal Consultation, Transport, and Outreach Education
Perinatal Transport Summit
June 19, 2008

Speakers and Panelists

Summit Chair

Renee Domanico, MD, Chair of Perinatal Partnership Transport Committee, Neonatologist at Cabell Huntington Hospital, Marshall University School of Medicine

Perinatal Partnership Chair

Robert Nerhood, MD, Chair, West Virginia Perinatal Partnership, Chair of Obstetrics and Gynecology, Marshall University School of Medicine

Perinatal Partnership Staff

Ann Dacey, RN, BSN, CLC, Nurse Coordinator, West Virginia Perinatal Partnership, West Virginia University School of Medicine

Penny Byrnside, RN, MS, Trauma Systems Administrator, WV Bureau for Public Health

Frederick C. Blum, M.D., F.A.C.E.P., F.A.A.P., Associate Professor of Emergency, Medicine, Pediatrics and Internal Medicine, West Virginia University School of Medicine

Byron Calhoun, MD Perinatologist, CAMC Women and Children's Hospital and West Virginia University School of Medicine

Brenda Daugherty, RN, MSN, Neonatal Nurse Practitioner, NNP Coordinator, WVU Children's Hospital

Janet Graeber, MD, Chair Perinatal Partnership Neonatal Guidelines Committee and Director of Neonatology, WVU Children's Hospital and West Virginia University School of Medicine

William Holls, MD, Perinatologist and Director of MFM, WVU Children's Hospital and West Virginia University School of Medicine

Deborah Holmes, RN, Maternal Transport Nurse, Cabell-Huntington Hospital

Stefan Maxwell, MD Neonatologist, CAMC Women and Children's Hospital and West Virginia University School of Medicine

Debra Menders, RN, Neonatal Transport Nurse CAMC Women and Children's Hospital

Marlene Merkel, RNC, OB Nurse Manager, WVU Hospitals, Morgantown

William D. Ramsey, M.D., State Trauma and Emergency Care System, State EMS Medical Director

Maureen Schmitt, RNC, Perinatal Nurse Coordinator, WVU Children's Hospital

Susan Tomblin, RN, Neonatal Transport Nurse, Cabell-Huntington Hospital

Panitan (Pete) Yossuck, MD, Neonatologist and Director of Neonatal Transport, WVU Children's Hospital and West Virginia University School of Medicine

Summit Participants

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Thomas Memorial Hospital

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Cabell Huntington Hospital

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West Virginia University School of Medicine

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OVMC

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Susann Cheek, RN, CNM
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Weirton Medical Center

Honorable Barbara Fleischauer, Esq.
WV House of Delegates

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Sandy Young, RN, MSN
Thomas Memorial Hospital

Panitan (Pete) Yossuck, MD, Neonatologist
WVU Children's Hospital

Conclusions, Results, and Work to be done Committee Assignments

After a morning of lectures regarding various aspects of perinatal transport, Summit delegates rolled up their sleeves and discussed directions the state should take on the following topics:

- Developing a single call system for perinatal transport
- Perinatal Outreach Education and Guideline development
- Guidelines for Neonatal Reverse Transport
- Administrative and Reimbursement Issues/Funding for outreach education

Developing a single call system for perinatal transport

Delegates discussed the pros and cons of a single call transport center:

- Pros
 - Ease of use
 - Frees up referring center to care for pt
 - Eliminate lost time
 - No staff for phoning
- Cons
 - Lack of choice
 - Funding
 - “Middle man” – another layer of
 - Education of people taking call
 - Distance from some parts of state

Suggestions from summit delegates regarding improving transport system

- Daily conference call among tertiary centers regarding number of beds
- Single call center would find the bed while connecting referring provider to appropriate specialist
- Central place of contact
- When approaching legislature KNOW COSTS
 - Actual man power and equipment costs
 - How much money in prevention (burden)
 - Dollar figure for perinatal outreach education
 - How many phone calls you have to make

Perinatal Outreach Education and Guideline development

A central website was discussed and summit delegates made suggestions regarding topics they would like to be able to access on website:

- How to arrange a transport
- Checklists for maternal/infant transport
- Resuscitation, stabilization and transport guidelines for mothers and infants
- General care guidelines for mothers and infants
- Daily Bedboard
- Links to educational programs offered at all tertiary centers
- Consent forms for transport

Committees Formed

Five ongoing committees were formed at summit. The committees will continue to meet in small groups and come together again during the perinatal summit on November 12, 2008:

1. Funding & Reimbursement Issues
2. Single Call System
3. Education and Guideline development
4. Reverse Transport Guideline
5. Interstate Transport Relations

Transport Committee Members

Funding & Reimbursement Issues

Barbara Tuel, Camden Clark Memorial

Single Call System

T. Wesley Stale, Fairmont

Jill Heller, OVMC

Jackie Loveall, Monongalia General

Susan Davis, St. Joseph's Buckhannon

Brenda Daugherty, WVU Children's Hospital

Mary McCoy, Logan General

Barbara Tuel, Camden Clark Memorial

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Education and Guideline development

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Sue Darrah, Fairmont

Patricia Moore, Fairmont

Cindi Bruno, OVMC

Jill Heller, OVMC

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Sherry Kelly, Preston Memorial

Jennifer Michael, Preston Memorial

Reverse Transport Guideline

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Sue Darrah, Fairmont

T. Wesley Stale, Fairmont

Cindi Bruno, OVMC
Amy Bridge, Monongalia General
Mary Beth Stewart, St. Mary's
Kristine Duggan, Weirton Medical Center
Judi Polak, WVU Children's Hospital
Barbara Tuell, Camden Clark Memorial

Interstate Transport Relations

Cindy White, Fairmont
Sue Darrah, Fairmont
T. Wesley Stale, Fairmont
Stacey Ibemez, CAMC
Kristine Duggan, Weirton Medical Center

Summit Handouts

These handouts are available digitally in a zipped electronic file at http://www.wvperinatal.org/downloads/transport_summit_handouts.zip

1. 2007 Recommendations of Subcommittee on Perinatal Consultation, Transport, and Outreach Education
2. 2007 Final Report and Recommendations Subcommittee on Perinatal Consultation, Transport, and Outreach Education
3. Interhospital Care of Perinatal Patients, *Guidelines for Perinatal Care*, 6th edition American Academy of Pediatrics, American College of Obstetricians and Gynecologists: 2007
4. Maps:
 - a. Locations of Obstetric Delivery Facilities Where WV Women Give Birth in 2008
 - b. West Virginia Perinatal Referral Regions
5. A History of Perinatal Regionalization and Outreach Education in West Virginia
6. Perinatal Education and Guideline Development for Website:
 - a. Arkansas ANGELS Program. OB and Neonatal guidelines are created with statewide input from any perinatal provider who wants to participate: <http://www.uams.edu/angels/>
 - b. University of Washington NICU-WEB. Neonatal guidelines are authored by one or more members of the Department of Pediatrics at the University of Washington based on a review of the literature: <http://depts.washington.edu/nicuweb/NICU-WEB/trans1.stm>
7. Checklist for Maternal Transport
8. Checklist for Neonatal Transport
9. Dr. Domanico's PowerPoint Presentation: Transport and Outreach Education
10. Deborah Holmes's PowerPoint Presentation: Cabell Huntington Hospital's Maternal Transport System
11. Federal Requirements for Patient Screening and Transfer, Appendix F: *Guidelines for Perinatal Care*, 6th edition American Academy of Pediatrics, American College of Obstetricians and Gynecologists: 2007
12. Canadian Maternal Transport Policy, SOGC Policy Statement
13. Maternal/Fetal Transport Guidelines, University of Saskatchewan
14. Some information about Maternal Transport Programs in Other States
15. Dr. Graeber's PowerPoint Presentation: Levels of Perinatal Care for West Virginia
16. DRAFT Maternal and Neonatal Transport Logs for Community Hospitals

17. Dr. Blum's PowerPoint Presentation EMTALA Not Just About Dumping Any More!