

SUPPLEMENT TO DECEMBER 2008 ■ Volume 199, Number 6B

### SUPPLEMENT

#### **S257** Preconception care: a clinical case of “think globally, act locally”

Michele G. Curtis

#### **S259** Where is the “W”oman in MCH?

Hani Atrash; Brian W. Jack; Kay Johnson; Dean V. Coonrod; Merry-K Moos; Phillip G. Stubblefield; Robert Cefalo; Karla Damus; Uma M. Reddy

Preconception care is a way by which to improve the health of mothers and children by focusing on the care of women.

#### **S266** The clinical content of preconception care: an overview and preparation of this supplement

Brian W. Jack; Hani Atrash; Dean V. Coonrod; Merry-K Moos; Julie O'Donnell; Kay Johnson

We describe the process of selecting and reviewing all of the topics that are reviewed in this supplement and include a summary of all recommendations in Table form.

#### **S280** Healthier women, healthier reproductive outcomes: recommendations for the routine care of all women of reproductive age

Merry-K. Moos; Anne L. Dunlop; Brian W. Jack; Lauren Nelson; Dean V. Coonrod; Richard Long; Kim Boggess; Paula M. Gardiner

Reproductive planning and health promotion are important areas of focus that should be incorporated into the care of all women, irrespective of pregnancy intentions.

#### **S290** The clinical content of preconception care: immunizations as part of preconception care

Dean V. Coonrod; Brian W. Jack; Kim A. Boggess; Richard Long; Jeanne A. Conry; Shanna N. Cox; Robert Cefalo; Kam D. Hunter; Albert Pizzica; Anne L. Dunlop

Many routinely administered childhood and adult vaccines have an important role in the promotion of preconception healthcare.

#### **S296** The clinical content of preconception care: infectious diseases in preconception care

Dean V. Coonrod; Brian W. Jack; Phillip G. Stubblefield; Lisa M. Hollier; Kim A. Boggess; Robert Cefalo; Shanna N. Cox; Anne L. Dunlop; Kam D. Hunter; Mona R. Prasad; Michael C. Lu; Jeanne A. Conry; Ronald S. Gibbs; Vijaya K. Hogan

A number of infectious diseases should be considered for inclusion in preconception care, with the use of risk assessment, screening, and treatment.

### EDITORIAL BOARD

#### Editors-in-Chief

Thomas J. Garite, MD  
Moon H. Kim, MD

#### Editors Emeriti

E. J. Quilligan, MD  
Frederick P. Zuspan, MD

#### Associate Editors

Richard C. Bump, MD  
Sandra A. Carson, MD  
Philip J. Di Saia, MD  
Steven G. Gabbe, MD  
Jay D. Iams, MD  
Sarah J. Kilpatrick, MD, PhD  
George A. Macones, MD  
Roberto Romero, MD

#### Statistical Consultants

Larry Sachs, PhD  
Mary D. Sammel, ScD

#### Managing Editors

Sandra Perrine  
[perrine@ajog.phxcoxmail.com](mailto:perrine@ajog.phxcoxmail.com)  
480-812-9261 phone  
480-812-9409 fax  
Donna L. Stroud  
[ajog@rroho.com](mailto:ajog@rroho.com)  
614-527-3820 phone  
614-527-3821 fax

#### Editorial Consultant Editor, Article Summaries

Marcia Ringel

#### Creative Director

Ginny Hull

Published by Mosby, Inc.  
An affiliate of Elsevier Inc.  
360 Park Avenue South  
New York, NY 10010-1710

## ADVISORY BOARD

### Subspecialty Areas

Ray O. Bahado-Singh, MD  
Obstetric ultrasound

Judith Balk, MD  
Nutrition

Sarah L. Berga, MD  
Neuroendocrinology and reproductive neurobiology

Michael J. Birrer, MD, PhD  
Biology of gynecologic cancers

Wendy R. Brewster, MD, PhD  
Gynecologic epidemiology

William Camann, MD  
Obstetric anesthesiology

Frank A. Chervenak, MD  
Ethics

Reese Clark, MD  
Neonatology

Arnold W. Cohen, MD  
Managed care

Murray Freedman, MD  
Psychosexual issues

Angela Gantt, MD  
Residents' Issue

Robert E. Garfield, PhD  
Uterine physiology

Ronald S. Gibbs, MD  
Infectious diseases

Linda C. Giudice, MD, PhD  
Reproductive cellular biology

Robert L. Goldenberg, MD  
Obstetric epidemiology

Steven R. Goldstein, MD  
Gynecologic ultrasound

Susan L. Hendrix, MD  
Reproductive physiology

*(Subspecialty Areas continued)*

## SUPPLEMENT *(continued)*

### S310 The clinical content of preconception care: women with chronic medical conditions

Anne L. Dunlop; Brian W. Jack; Joseph N. Bottalico; Michael C. Lu; Andra James; Cynthia S. Shellhaas; Lynne Haygood-Kane Hallstrom; Benjamin D. Solomon; W. Gregory Feero; M. Kathryn Menard; Mona R. Prasad

Detection and control of chronic medical conditions are important for preconception health care; providers should be aware of the recommendations for each condition.

### S328 The clinical content of preconception care: women with psychiatric conditions

Ariela Frieder; Anne L. Dunlop; Larry Culpepper; Peter S. Bernstein

Detection and management of psychiatric conditions is critical for avoiding or reducing the potential negative reproductive outcomes associated with such conditions.

### S333 The clinical content of preconception care: alcohol, tobacco, and illicit drug exposures

R. Louise Floyd; Brian W. Jack; Robert Cefalo; Hani Atrash; Jeanne Mahoney; Anne Herron; Corinne Husten; Robert J. Sokol

Substance use is prevalent among women of childbearing age, but tools are available to assist clinicians in identifying and intervening with high risk women who present in primary care settings during the preconception period.

### S340 The clinical content of preconception care: genetics and genomics

Benjamin D. Solomon; Brian W. Jack; W. Gregory Feero

Screening for maternal and paternal genetic conditions should be a part of preconception care to avoid preventable poor outcomes and to allow informed reproductive decisions by the parents.

### S345 The clinical content of preconception care: nutrition and dietary supplements

Paula M. Gardiner; Lauren Nelson; Cynthia S. Shellhaas; Anne L. Dunlop; Richard Long; Sara Andrist; Brian W. Jack

Women of reproductive age should be advised that the quality of a woman's diet may influence her pregnancy outcomes.

### S357 The clinical content of preconception care: environmental exposures

Melissa A. McDiarmid; Paula M. Gardiner; Brian W. Jack

Environmental exposures have been linked to poor reproductive outcomes and should be detected during preconception care in order to make appropriate recommendations to the woman.

### S362 The clinical content of preconception care: care of psychosocial stressors

Lorraine V. Klerman; Brian W. Jack; Dean V. Coonrod; Michael C. Lu; Yvonne W. Fry-Johnson; Kay Johnson

Three types of psychosocial stressors (inadequate financial resources, problems in accessing health care, and intimate partner and other forms of violence) are described in terms of burden of suffering, identification, treatability, and recommendations for management.

## SUPPLEMENT *(continued)*

### **S367** The clinical content of preconception care: the use of medications and supplements among women of reproductive age

Anne L. Dunlop; Paula M. Gardiner; Cynthia S. Shellhaas;  
M. Kathryn Menard; Melissa A. McDiarmid

Appropriate medication regimens, including over-the-counter medications and supplements, in addition to prescription medications, are important to maintaining the health of women of reproductive age.

### **S373** The clinical content of preconception care: reproductive history

Phillip G. Stubblefield; Dean V. Coonrod; Uma M. Reddy; Raja Sayegh;  
Wanda Nicholson; Daniel F. Rychlik; Brian W. Jack

The reproductive history of a woman has important implications for her future reproductive plans and thus should be screened for and addressed.

### **S384** The clinical content of preconception care: preconception care for special populations

Catherine Ruhl; Barbara Moran

Women with disabilities, immigrant and refugee women, and cancer survivors have particular reproductive planning and preconception health concerns that should be addressed as part of their routine health care to promote healthy reproductive outcomes.

### **S389** The clinical content of preconception care: preconception care for men

Keith A. Frey; Shannon M. Navarro; Milton Kotelchuck; Michael C. Lu

While the father's health can greatly influence the health of a baby, little attention has been given to men's health care in relation to reproduction and preconception care.

**AJOG** American  
Journal of  
Obstetrics &  
Gynecology

## ADVISORY BOARD

### Subspecialty Areas *(continued)*

Robert J. Kurman, MD  
Gynecologic pathology

Laurence B. McCullough, MD  
Ethics

Jennifer L. Melville, MD, MPH  
Behavioral medicine

Thomas J. Musci, MD  
Fetal physiology

Leslie Myatt, PhD  
Vascular biology

Anita L. Nelson, MD  
Family planning

Jennifer R. Niebyl, MD  
Drugs in pregnancy

Pasquale Patrizio, MD, MBE  
Andrology

Susan D. Reed, MD, MPH  
Menopause

Joseph S. Sanfilippo, MD, MBA  
Adolescent gynecology

Nanette Santoro, MD  
Menopause

Robert M. Silver, MD  
Immunology

Stephen Vermillion, MD  
New reviewers

Kenneth Ward, MD  
Molecular genetics

Katharine D. Wenstrom, MD  
Genetics and teratology

Sharon Wilczynski, MD, PhD  
Cytology and pathology