Draft NTP Monograph on Developmental Effects and Pregnancy Outcomes Associated with Cancer Chemotherapy Use during Pregnancy

Agenda

National Institute of Environmental Health Sciences (NIEHS)
Rodbell Auditorium, Rall Building
111 T.W. Alexander Drive
Research Triangle Park, NC

October 1, 1:00PM – 5:00PM EST and October 2, 8:30AM – until adjournment¹

Welcome and Introductions
Dr. Linda Birnbaum, Director, NIEHS/NTP
Dr. John Bucher, Associate Director, NTP
Dr. Catherine Spong, National Institute of Child Health and Human Development, Chair

Logistics
Dr. Mary Wolfe, Designated Federal Official, NIEHS/Division of the NTP (DNTP)

Public Comment

Introduction to the Evaluation, Methods, and Limitations of the Data

Presentation
Peer review comments
Panel discussion
Dr. Kembra Howdeshell, NIEHS/DNTP
Panel
Dr. Spong

Main Findings

1. Frequency of Congenital Malformations by Trimester
2. Risk of Spontaneous Fetal Death
3. Pregnancy Complication Associations
4. Effects on Newborn Weight and Health
5. Effects on Infant Growth and Development

Presentation on each finding
Peer review comments on each finding
Panel discussion on each finding
Dr. Howdeshell
Panel
Dr. Spong

¹ Two days are set aside for the meeting. The monograph topics will be peer reviewed in the order shown in the agenda, but the specific day for peer review of a topic is not specified.
Cancer Chemotherapy Agents by Mechanism of Action

<table>
<thead>
<tr>
<th>Mechanism</th>
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<tr>
<td><em>Anti-metabolites</em></td>
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<td><em>DNA Alkylating Agents</em></td>
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<td><em>DNA Intercalating/Cross-linking Agents</em></td>
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<td><em>Microtubule Function Inhibitors</em></td>
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<td><em>Topoisomerase II Inhibitor</em></td>
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<td><em>Oxygen-free Radical Generator</em></td>
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<td><em>Targeted Therapies</em></td>
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Presentation on each mechanism: Dr. Howdeshell
Peer review comments on each agent: Panel
Panel discussion on each agent: Dr. Spong

Long-Term Evaluations of Growth and Development

Presentation: Dr. Howdeshell
Peer review comments: Panel
Panel discussion: Dr. Spong

Pregnancy Outcomes of Medical Personnel

Presentation: Dr. Howdeshell
Peer review comments: Panel
Panel discussion: Dr. Spong

Cancer Diagnosed During Pregnancy: Background Information

<table>
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<tr>
<th>Cancer Type</th>
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<tbody>
<tr>
<td><em>Breast Cancer</em></td>
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<td><em>Cervical Cancer</em></td>
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<td><em>Leukemia</em></td>
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<td><em>Hodgkin Lymphoma</em></td>
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<td><em>Non-Hodgkin Lymphoma</em></td>
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<td><em>Ovarian Cancer</em></td>
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<td><em>Melanoma</em></td>
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Presentation: Dr. Howdeshell
Peer review comments on each cancer: Panel
Panel discussion on each cancer: Dr. Spong

Research Needs and Communication Strategies

Presentation: Dr. Howdeshell
Panel discussion: Dr. Spong