15 September, 2005
12:00–17:30 hrs

12:00 - 12:30 hrs   **Buffet Lunch**   

12:30 – 17:30 hrs   **Bone Biopsy/Histology Work Group Meeting**   
**Discussion Leaders:** Drs. William Goodman and Susan Ott

- **Review of Bone Biopsy Survey Results**
- **Issues/Questions for Discussion:**
  1. What techniques and locations for biopsy provide significant clinical and research results? Do the ASBMR histologic measurements need modifications for renal osteodystrophy?
  2. What histologic parameters should be standard for reporting results in the literature?
  3. Should clinical reporting differ?
  4. What mechanisms can be developed to promote consistency across the labs performing histologic examination of bone?
  5. Can we establish an international normal reference range for histomorphometric measurements?
  6. How can more clinicians be trained in performance of bone biopsies?
  7. What are clinical indications for bone biopsy?
  8. What are the current histomorphometric classification systems that are used to define renal osteodystrophy?
  9. How do the bone histologic measurements relate to clinically important endpoints such as bone fractures, bone pain, bone deformities, delayed growth, abnormal serum mineral levels, and soft-tissue calcifications?
KDIGO - Controversies Conference
Definition, Evaluation, and Classification of Renal Osteodystrophy
16-17 September, 2005
The Westin Palace Hotel, Madrid

Day One - 16 September, 2005
8:00 – 18:30 hrs

7:30 - 8:00 hrs  Continental Breakfast  Room Canovas

Introduction: Meeting Overview

8:00 - 8:20 hrs  Dr. Garabed Eknoyan and Dr. Norbert Lameire  Neptuno I-III
• Overview of KDIGO
• Optimizing care worldwide: an international focus

8:20 - 8:40 hrs  Drs. Tilman Drüke and Sharon Moe
• Presentation of the clinical challenge

Plenary Sessions: “What We Know”
Session Moderators: Dr. Sharon Moe and Dr. Tilman Drüke

8:40 - 9:10 hrs  PTH assays in CKD
Presenter: Kevin Martin, MD

9:10 - 9:40 hrs  Bone biomarkers other than PTH
Presenter: Heinrich Schmidt-Gayk, MD

9:40 - 10:10 hrs  Imaging techniques for diagnosis of renal osteodystrophy
Presenter: Mary Leonard, MD

10:10 - 10:30 hrs  Break

10:30 - 11:00 hrs  Bone quality- how do we assess it?
Presenter: Juliet Compston, MD

11:00 - 11:30 hrs  Renal osteodystrophy – what’s in a name?
Presenter: Hartmut Malluche, MD

11:30 - 12:00 hrs  Thoughts on renal osteodystrophy classification
Presenter: Robert Weinstein, MD

12:00 - 12:30 hrs  The purpose of this meeting - process, charges, and projected outcomes
Presenters: Tilman Drüeke, MD and Sharon Moe, MD

12:30 - 13:00 hrs  Buffet Lunch  Room

13:00 - 18:30 hrs  Workgroup Sessions

Bone Biopsy/Histology  Cortes I
Discussion Leaders: Drs. William Goodman and Susan Ott

Imaging Techniques  Cortes II
Discussion Leaders: Drs. John Cunningham and Stuart Sprague

Serum Biomarkers  Cortes III
Discussion Leaders: Drs. Kevin Martin and Klaus Olgaard

20:00 hrs  Dinner at Paradis Madrid restaurant
**KDIGO - Controversies Conference**  
*Definition, Evaluation, and Classification of Renal Osteodystrophy*  
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**Day Two - 17 September, 2005**  
8:00 to 15:00 hrs

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<tr>
<td>7:30 - 8:00 hrs</td>
<td>Continental Breakfast</td>
<td>Cervantes</td>
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<td>8:00 - 8:45 hrs</td>
<td>Groups reconvene to view final presentation</td>
<td>Cortes I, II &amp; III</td>
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**Plenary Session**

*“What We Can Do With What We Know”*

**Reports and discussion**  
Neptuno I-III

**Recommendations with rationale from each group**

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>9:00 - 9:40 hrs</td>
<td>Group I – Bone Biopsy</td>
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<td>Group II – Imaging Techniques</td>
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<td>10:20 - 11:00 hrs</td>
<td>Group III – Serum Biomarkers</td>
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<td>11:00 - 11:15 hrs</td>
<td>Break</td>
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*“What We Need To Know”*

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<tr>
<td>11:15 - 15:00 hrs</td>
<td>Discussion – Drs. Drüeke and Moe, moderators</td>
<td>Neptuno I-III</td>
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<tr>
<td>12:30 - 13:00 hrs</td>
<td>Buffet Lunch</td>
<td>Cervantes</td>
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<tr>
<td>15:00 hrs</td>
<td>Closing Remarks / Adjourn</td>
<td>Neptuno I-III</td>
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