



KDIGO - Controversies Conference
Definition, Evaluation, and Classification of
Renal Osteodystrophy
Bone Biopsy/Histology Pre-Meeting
15 September, 2005
The Westin Palace Hotel, Madrid

15 September, 2005
12:00– 17:30 hrs

12:00 - 12:30 hrs

Buffet Lunch

Room

Medinaceli II

12:30 – 17:30 hrs

Medinaceli III

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 s bone fractures, bone pain, bone deformities, delayed growth, abnormal serum mineral levels, and soft-tissue calcifications?



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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 Drüeke and Sharon Moe**
• Presentation of the clinical challenge

Plenary Sessions: "What We Know"

Session Moderators: Dr. Sharon Moe and Dr. Tilman Drüeke

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

Canovas

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**



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8:00 to 15:00 hrs

Room

7:30 - 8:00 hrs	Continental Breakfast	Cervantes
8:00 - 8:45 hrs	Groups reconvene to view final presentation	Cortes I, II & III

Plenary Session

“What We Can Do With What We Know”

Reports and discussion

Neptuno I-III

Recommendations with rationale from each group

9:00 - 9:40 hrs	Group I – Bone Biopsy
9:40 - 10:20 hrs	Group II – Imaging Techniques
10:20 - 11:00 hrs	Group III – Serum Biomarkers
11:00 - 11:15 hrs	Break

“What We Need To Know”

11:15 - 15:00 hrs **Discussion – Drs. Drüeke and Moe, moderators**

- Integration of ideas from all three groups
- Prioritization of research directions
- Recommendations/statements from the group as a whole

12:30 - 13:00 hrs **Buffet Lunch** **Cervantes**

15:00 hrs **Closing Remarks / Adjourn** **Neptuno I-III**