FIBROUS DYSPLASIA IN ADULTS

Lynn M. Lindaman M.D.
Pediatric Orthopaedic Surgeon
FIBROUS DYSPLASIA IN ADULTS

Financial Declaration

[Cartoon image of two characters standing in front of a sign that reads "FREE!! TAKE ONE"]
FIBROUS DYSPLASIA IN ADULTS

Not Sure Why We Need This Talk
Not Sure Why We Need This Talk
– “FD Heals Up When You Stop Growing”
Not Sure Why We Need This Talk

- “FD Heals Up When You Stop Growing
- Some Of Us “Didn’t Get The Memo”
Difficulty In Creating This Talk
FIBROUS DYSPLASIA IN ADULTS

Difficulty In Creating This Talk

– Uniqueness Of Individual Involvement
Difficulty In Creating This Talk

- Uniqueness Of Individual Involvement
- “Old” Adults vs “New” Adults
Difficulty In Creating This Talk

- Uniqueness Of Individual Involvement
- “Old” Adults vs “New” Adults
- Adult Discovery
Difficulty In Creating This Talk
  – Uniqueness Of Individual Involvement
  – “Old” Adults vs “New” Adults
  – Adult Discovery

To Cover All Permutations
FIBROUS DYSPLASIA IN ADULTS

Difficulty In Creating This Talk
- Uniqueness Of Individual Involvement
- “Old” Adults vs “New” Adults
- Adult Discovery

To Cover All Permutations
- Understand The Basics
Difficulty In Creating This Talk
– Uniqueness Of Individual Involvement
– “Old” Adults vs “New” Adults
– Adult Discovery

To Cover All Permutations
– Understand The Basics
– Understand What To Expect
Basics Of How FD Affects Bone
FIBROUS DYSPLASIA IN ADULTS

Basics Of How FD Affects Bone
- Mixture of “Normal” and “Mutant” Cells
Basics Of How FD Affects Bone

– Mixture of “Normal” and “Mutant” Cells
– “Mutant” Have Growth Advantage
Basics Of How FD Affects Bone

- Mixture of “Normal” and “Mutant” Cells
- “Mutant” Have Growth Advantage
  - Anything That Stimulates Bone Growth/Healing
Basics Of How FD Affects Bone

- Mixture of “Normal” and “Mutant” Cells
- “Mutant” Have Growth Advantage
  - Anything That Stimulates Bone Growth/Healing
  - FD > Normal
Basics Of How FD Affects Bone

- Mixture of “Normal” and “Mutant” Cells
- “Mutant” Have Growth Advantage
  - Anything That Stimulates Bone Growth/Healing
  - FD > Normal
- Continues Into Adulthood
Basics Of How FD Affects Bone

- Mixture of “Normal” and “Mutant” Cells
- “Mutant” Have Growth Advantage
  - Anything That Stimulates Bone Growth/Healing
  - FD > Normal
- Continues Into Adulthood
  - Fractures
Basics Of How FD Affects Bone

- Mixture of “Normal” and “Mutant” Cells
- “Mutant” Have Growth Advantage
  - Anything That Stimulates Bone Growth/Healing
  - FD > Normal
- Continues Into Adulthood
  - Fractures
  - Surgical Trauma
Basics Of How FD Affects Bone

- Mixture of “Normal” and “Mutant” Cells
- “Mutant” Have Growth Advantage
  - Anything That Stimulates Bone Growth/Healing
  - FD > Normal
- Continues Into Adulthood
  - Fractures
  - Surgical Trauma
  - Everyday “Wear And Tear”
FIBROUS DYSPLASIA IN ADULTS

Basics Of How FD Affects Bone

- Mixture of “Normal” and “Mutant” Cells
- “Mutant” Have Growth Advantage
  - Anything That Stimulates Bone Growth/Healing
  - FD > Normal
- Continues Into Adulthood
  - Fractures
  - Surgical Trauma
  - Everyday “Wear And Tear”
- FD Will Continue Into Adulthood
Main Manifestations In Adulthood
Main Manifestations In Adulthood

– Chronic / Recurrent Acute Pain
Main Manifestations In Adulthood

– Chronic / Recurrent Acute Pain
– Progressive Deformity
Main Manifestations In Adulthood

– Chronic / Recurrent Acute Pain
– Progressive Deformity
FIBROUS DYSPLASIA IN ADULTS

Main Manifestations In Adulthood
– Chronic / Recurrent Acute Pain
– Progressive Deformity
Main Manifestations In Adulthood

– Chronic / Recurrent Acute Pain
– Progressive Deformity
  • Prevention / Treatment
Main Manifestations In Adulthood

- Chronic / Recurrent Acute Pain
- Progressive Deformity
  - Prevention / Treatment
    - Realign / Reinforce
Main Manifestations In Adulthood

- Chronic / Recurrent Acute Pain
- Progressive Deformity
  - Prevention / Treatment
    - Realign / Reinforce
    - Earlier The Better
Main Manifestations In Adulthood

– Chronic / Recurrent Acute Pain
– Progressive Deformity
FIBROUS DYSPLASIA IN ADULTS

Main Manifestations In Adulthood

– Chronic / Recurrent Acute Pain
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Main Manifestations In Adulthood

- Chronic / Recurrent Acute Pain
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  - Prevention / Treatment
    - Realign / Reinforce
Main Manifestations In Adulthood

– Chronic / Recurrent Acute Pain
– Progressive Deformity
  • Prevention / Treatment
    – Realign / Reinforce
Main Manifestations In Adulthood

- Chronic / Recurrent Acute Pain
- Progressive Deformity
- Arthritis
Main Manifestations In Adulthood

- Chronic / Recurrent Acute Pain
- Progressive Deformity
- Arthritis
Main Manifestations In Adulthood

- Chronic / Recurrent Acute Pain
- Progressive Deformity
- Arthritis
  - Arthroplasty Difficulties
    - Poor Quality Bone
FIBROUS DYSPLASIA IN ADULTS

Main Manifestations In Adulthood

- Chronic / Recurrent Acute Pain
- Progressive Deformity
- Arthritis
  - Arthroplasty Difficulties
    - Poor Quality Bone
    - Size Of The Bone
Main Manifestations In Adulthood

- Chronic / Recurrent Acute Pain
- Progressive Deformity
- Arthritis
  - Arthroplasty Difficulties
    - Poor Quality Bone
    - Size Of The Bone
    - Stress Concentration
Main Manifestations In Adulthood

- Chronic / Recurrent Acute Pain
- Progressive Deformity
- Arthritis
  - Arthroplasty Difficulties
    - Poor Quality Bone
    - Size Of The Bone
    - Stress Concentration
    - Limited Salvage Options
Bone Replacement
Bone Replacement
– Operative Complications
Bone Replacement

– Operative Complications
  • Blood Loss
Bone Replacement

- Operative Complications
  - Blood Loss
  - Neuro/Vascular
Bone Replacement

- Operative Complications
  - Blood Loss
  - Neuro/Vascular

- Post Operative Complications
Bone Replacement

- Operative Complications
  - Blood Loss
  - Neuro/Vascular

- Post Operative Complications
  - Infection
Bone Replacement

- Operative Complications
  - Blood Loss
  - Neuro/Vascular

- Post Operative Complications
  - Infection
  - Stiffness
FIBROUS DYSPLASIA IN ADULTS

Ongoing Evaluations
Ongoing Evaluations
– Symptoms
Ongoing Evaluations

- Symptoms
- At Risk / Unprotected Areas
Ongoing Evaluations

- Symptoms
- At Risk / Unprotected Areas
- Routine / Yearly Scans
FIBROUS DYSPLASIA IN ADULTS

Mazabraud Syndrome
Mazabraud Syndrome
– Fibrous Dysplasia
Mazabraud Syndrome
- Fibrous Dysplasia
- Intramuscular Myxoma
Fibrous Dysplasia

– Doesn’t Exempt You From The Ravages That Come From The Earth Orbiting The Sun!