SMA EOS in 2019

So Many Advances!

Brian Snyder
Michael Vitale
Matt Oetgen
Jack Flynn
SMA EOS in 2019: So Many Advances!

This is NOT your Mother’s SMA EOS

• 20th century: most die early, some get Unit rod to pelvis in childhood
SMA EOS in 2019: So Many Advances!

This is NOT your Mother’s SMA EOS

- 20th century: most die early, some get Unit rod to pelvis in childhood
- Then comes:
  - Appreciation of growth-sparing treatments (VEPTR, TGR)
SMA EOS in 2019: So Many Advances!

This is NOT your Mother’s SMA EOS

• 20th century: most die early, some get Unit rod to pelvis in childhood
• Then comes:
  – Appreciation of growth-sparing treatments (VEPTR, TGR)
  – Appreciation of the chest wall collapse, and it’s prevention (Bob Campbell)
SMA EOS in 2019: So Many Advances!

This is NOT your Mother’s SMA EOS

- 20th century: most die early, some get Unit rod to pelvis in childhood
- Then comes:
  - Appreciation of growth-sparing treatments (VEPTR, TGR)
  - Appreciation of the chest wall collapse, and it’s prevention (Bob Campbell)
  - Magnetic lengthening implants
SMA EOS in 2019: So Many Advances!

This is NOT your Mother’s SMA EOS

- 20th century: most die early, some get Unit rod to pelvis in childhood
- Then comes:
  - Appreciation of growth-sparing treatments (VEPTR, TGR)
  - Appreciation of the chest wall collapse, and it’s prevention (Bob Campbell)
  - Magnetic lengthening implants
  - Medical therapy—that seems to work for many kids
SMA EOS in 2019: So Many Advances!

This is NOT your Mother’s SMA EOS

- 20th century and beyond
- The SMA EOS in
  - Appended
  - Appendage
  - Magnetic lengthening implants
  - Medical therapy—that seems to work

All this creates new challenges and techniques

We need to learn stuff every year

(duh! That’s why we come to ICEOS)
SMA EOS in 2019: So Many Advances!

The plan for this Session

• Snyder: 7min talk on SMA in Spinraza era
  Q&A

• Vitale: 7min case: growth-friendly to fusion
  Q&A

• Oetgen: 7min case
  Q&A

• Snyder case as time allows