Lower Incisor Extraction Cases
With Invisalign

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Thank You

About today’s presentation

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After Today's Presentation

Case 1

Case 2

Case 3

What is the secret to this success……..

New Thinking!

Today's Objective

• Introduction to Invisalign Bio-Mechanics

• The Lower Incisor Extraction Case
Today's Objective

• Introduction to Invisalign Bio-Mechanics

• The Lower Incisor Extraction Case

How do we achieve control and predictability with Invisalign?

"Think Like Plastic & Feel Like a Tooth!"
How do we achieve this control and predictability with Invisalign?

“Think Like Plastic & Feel Like a Tooth!”

Do we pull the doors open or push them open?
Value of the right kind of handle shape and location.

ATTACHMENTS

1 year old and still intact, fitted and complete.

Today’s Objective

• Introduction to Invisalign Bio-Mechanics

• The Lower Incisor Extraction Case
Orthodontics is not just Straight Teeth

- Skeletal Foundation
- Posterior Interdigitation
- Anterior Guidance
  (used inward to Cr, checked outward from Cr)
- Transverse Relations
- Vertical Dimension of Occlusion
- Lip Support
- Lip Competency
- Neutral Zone
- Straight Teeth
- Smile Lines

Orthodontics Diagnostics 101

- Who is the doctor and who is the lab.

The Lower Incisor Extraction Case

Indications and Contra-indications

Advantages and Disadvantages

Invisalign

Before

During
Clincheck…… A powerful tool!!!!!!

Not undoing what is working, unless going to undo it all!

Original Superimposition
Refinement Superimposition

Invisalign
Before
After
During
Lower Incisor Extraction: In the Beginning

Before

After Refinement

Refinement Tray 6 Trimmed For Braces

Lower Incisor Extraction: Today

Before

Tray 12

Tray 20

Go to Clincheck

Learning To Think Like Plastic and Feel Like a Tooth
You can move roots with Invisalign.
Invisalign and Orthognathic Surgery.

4/15/2010

Lower Incisor Extraction Case
Invisalign Start to Finish

Stage 13

Play to Stage 13

Stage 17

Play to End

Lower Incisor Extraction Case
Invisalign Start to Finish
Invisalign and Orthognathic Surgery:
- Braces on molars, ceramic clips on selected other teeth for post-surgical elastics.
- Trim last active aligner, and wear them, no wires.
- Must wear aligners after surgery to prevent selected teeth extrusion during post-surgical elastic wear.
- Once healed, use templates to replace attachments and continue treatment as indicated.

Note: LL1 removed
LR1 over corrected gable bend.
Invisalign

Note: LLI removed
LL1 over corrected gable bend.
Go to RF1

Invisalign

Post Refinement 1 Records, and at start of Refinement 2.
Go to RF2

Invisalign and Orthognathic Surgery

Natural After Smile
• As much as possible teeth are separated from each other to allow plastic to contact all sides of the tooth
• Pontics are small, thin and away from adjacent teeth
• Pontics disappear as adjacent teeth get close to it
• Starting movements are tipping or bodily movements to separate teeth
• Virtual gable bends are placed when teeth surrounded by plastic, and before full space closure
• Attachments designed to provide push surfaces

Lower Incisor Extraction Case

With Invisalign