

Space Management

J. Mike Razza, BS, DDS, Cert Orthod
Associate Professor - Orthodontics
University of Western Australia
Dental School



Space Maintenance or Space Regaining



Space Maintenance or Space Regaining

Space for unerupted teeth is adequate. However, space will be eventually lost if not maintained

Space for unerupted teeth is inadequate. Thus, these teeth will erupt into an unsatisfactory alignment if treatment is not initiated



Space Maintenance

Preservation of Leeway space

Preservation of space after loss of deciduous teeth

CONSTRUCTION

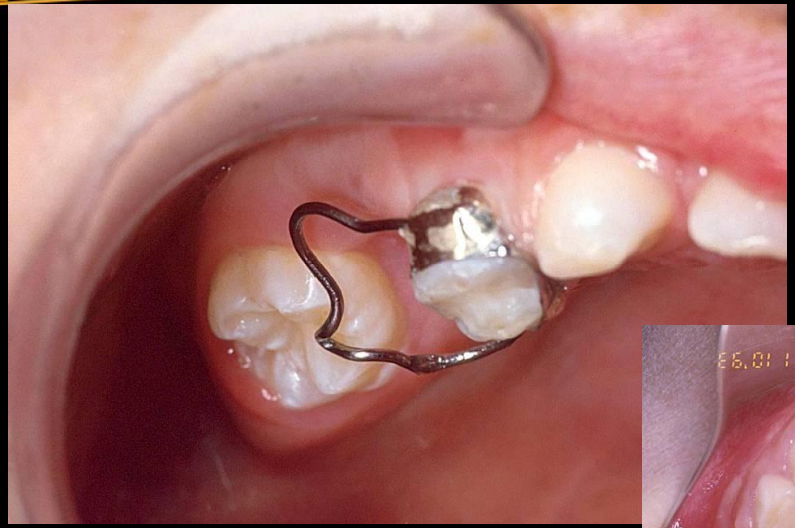


Band and Loop

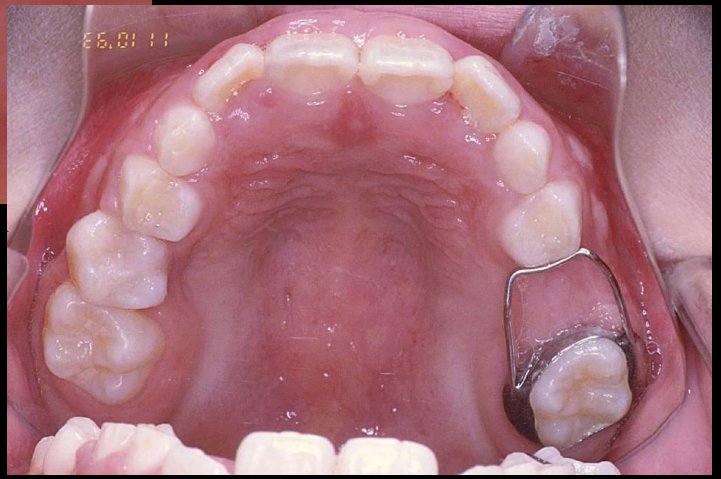
Band and Loop



CONSTRUCTION



Band and Loop



CONSTRUCTION

Residual space remaining following loss of mandibular second deciduous molars





Lingual Arch Construction

CONSTRUCTION

Lingual Arch Construction



You have to bend the
Wire as if it were to
Be soldered to bands

Lingual Arch Construction

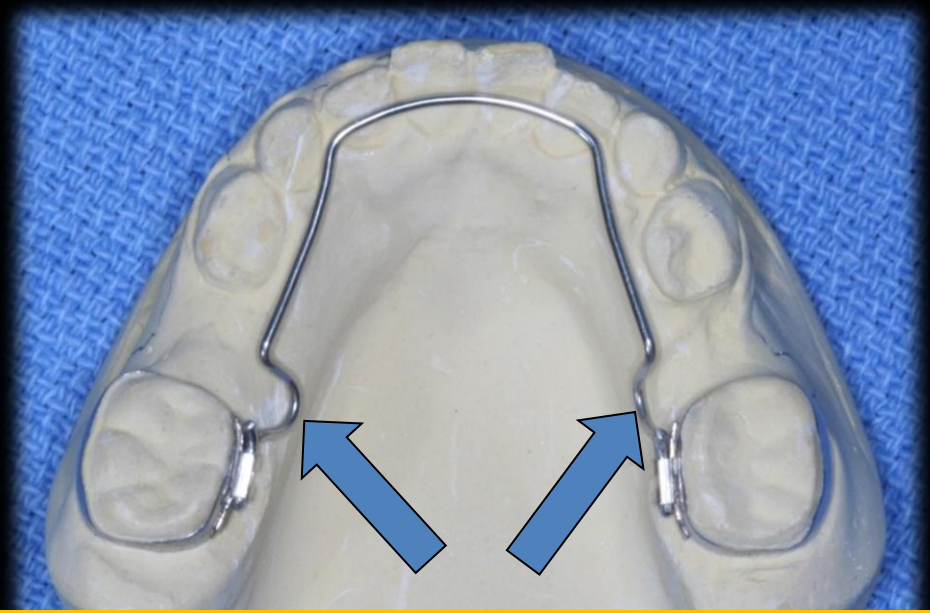


0.9 mm wire with two U-loops for adjustment- these can be opened to advance lower incisors which will put a distal force on the molar(s)

CONSTRUCTION

Lingual Arch Construction

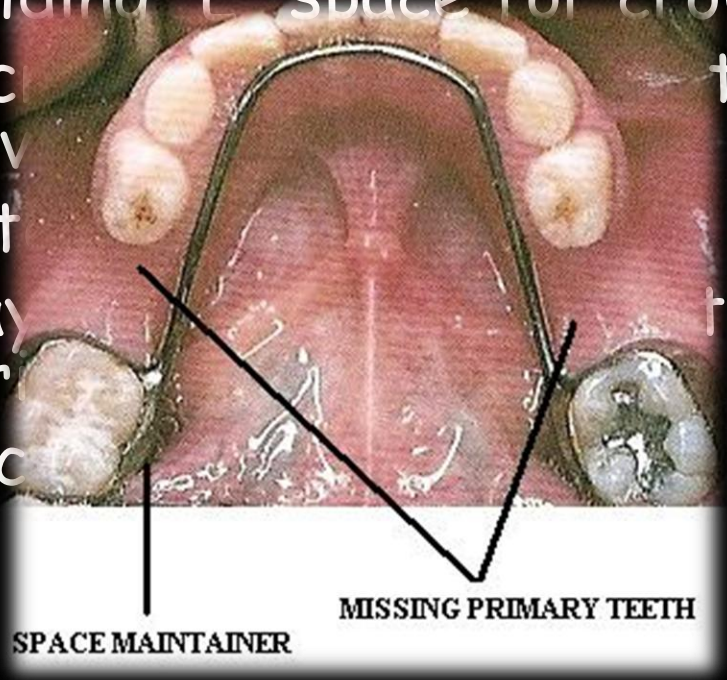
Follow the curvature of the incisors and as you pass back in the premolar region, leave a bit of space between wire and teeth



U-loops flared in so they don't impinge on the soft tissue

Uses of Lingual Arch

- **Space Maintenance**
- Holding "E" space for crowding
- Inc tooth mov
- Ret
- May to solder spr
- Arc





Uses of Lingual Arch

- Space Maintenance
- **Holding E space for crowding**
- Increase Anchorage for tooth movement
- Retention
- May be used as a frame to solder springs
- Arch Development

Uses of Lingual Arch







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Uses of Lingual Arch



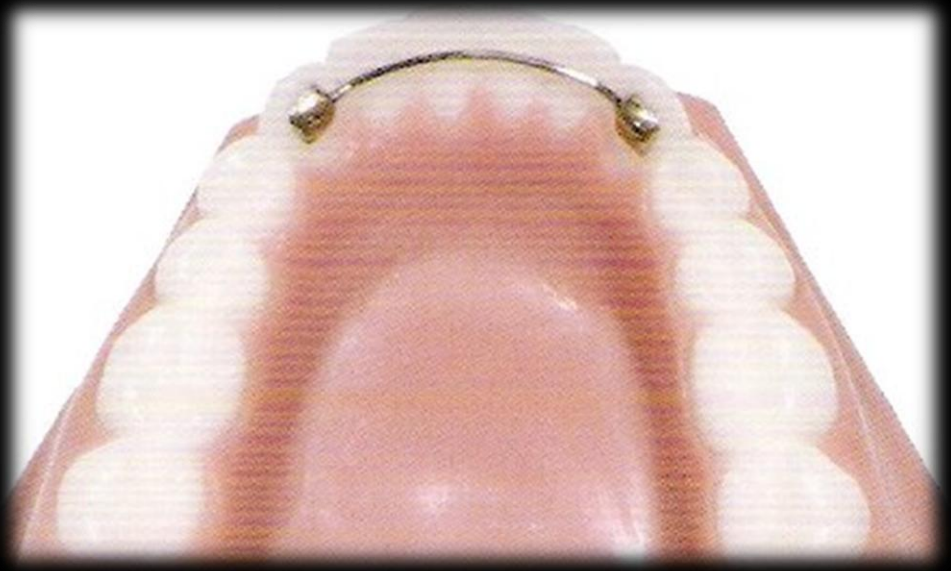


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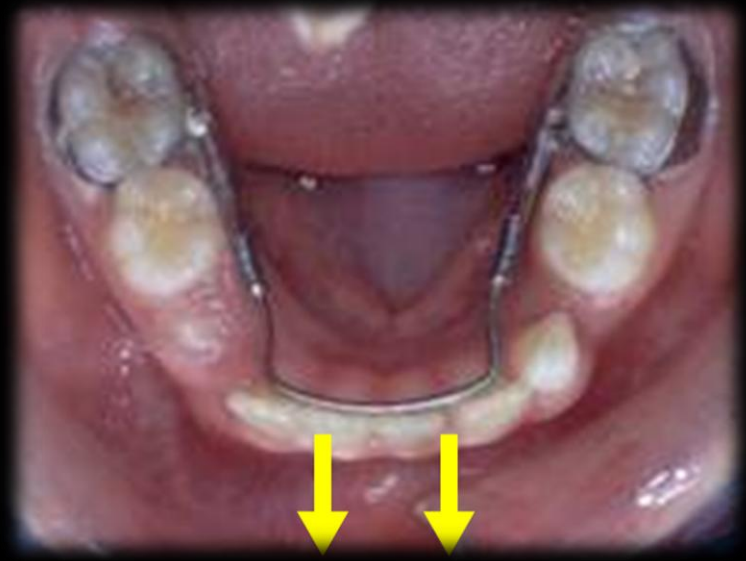


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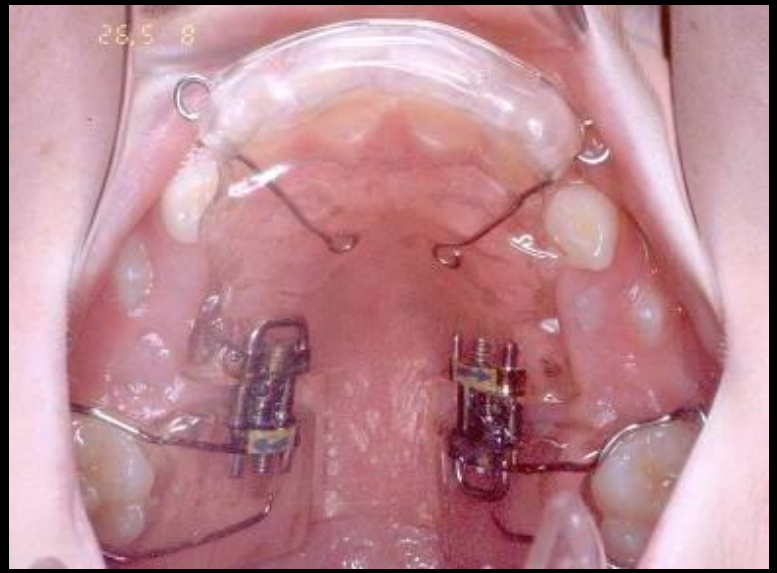


Space Regaining

Limited to cases where 3-4 mm space has been lost

Easier in the upper arch than in the lower arch

Space Regaining – Upper removable appliance with or without headgear

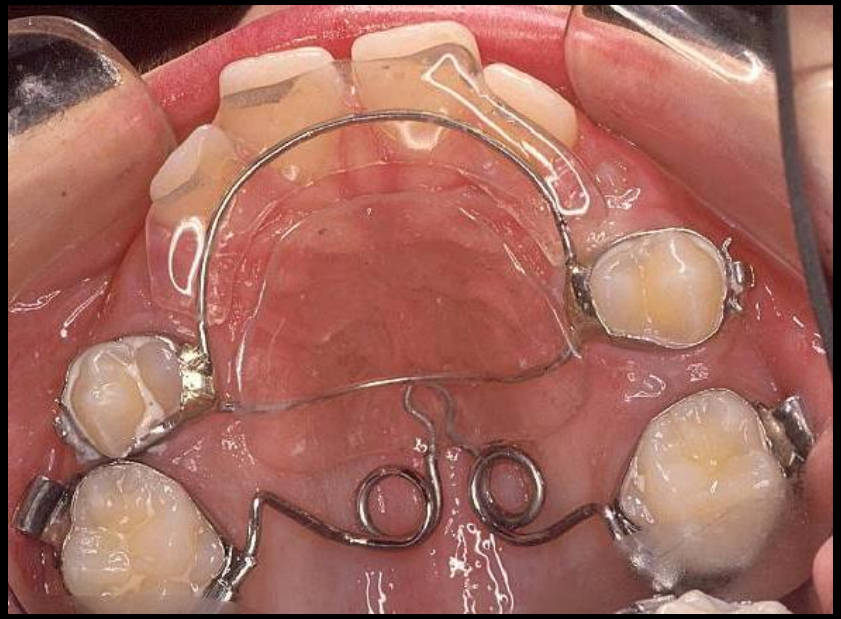


CONSTRUCTION

Adequate space for alignment



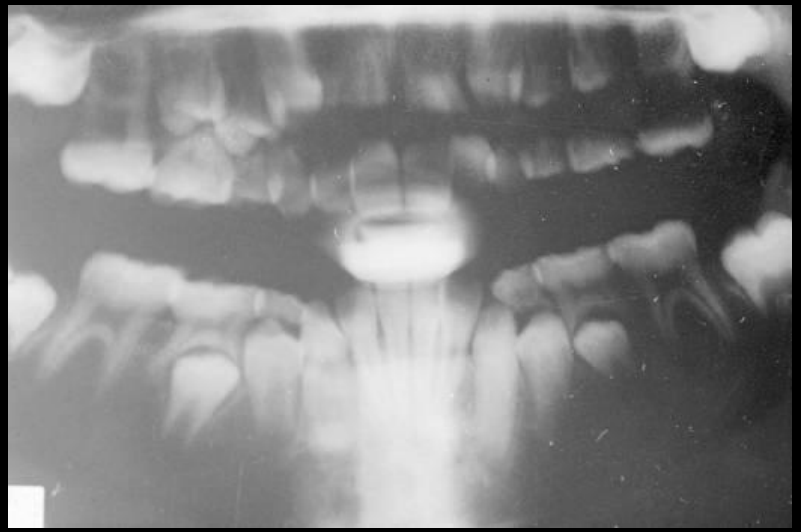
Space Regaining – Upper Fixed appliance



Pendulum appliance

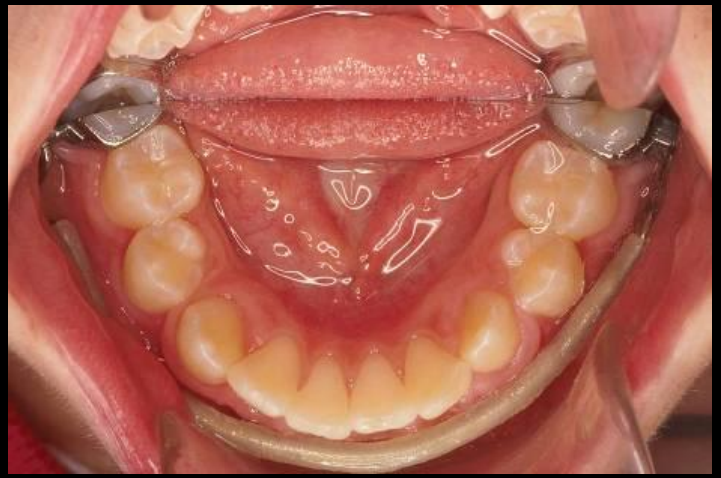
Space Regaining – Lip Bumper





Space Regaining – Lip Bumper





CONSTRUCTION

Disimpaction of upper first molar



CONSTRUCTION

Space Regaining
Space Loss with Ectopic Eruption



Partial Fixed appliances to correct ectopic eruption





Anti-Habit Appliance Construction

FPPT.com

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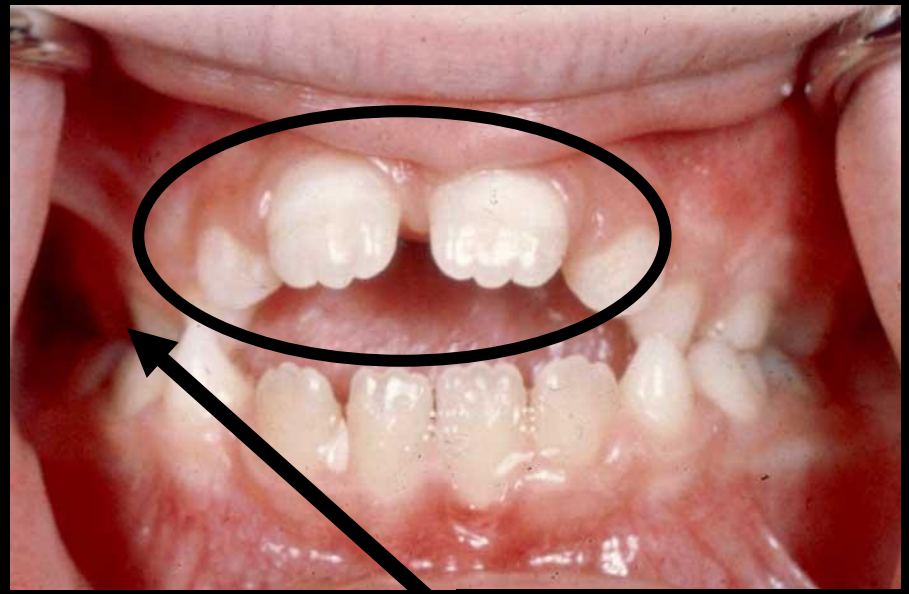

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What would you do?



RETARDATION OF ERUPTION



WHAT WOULD YOU DO?

CROSSBITE WITH SHIFT





2-3 Year Old





THUMBSUCKING

6 MONTHS AFTER CEASING

CROSSBITE STILL PRESENT

Habits – Thumb, finger or Tongue Resting Posture or Tongue Thrusting



Anti-Habit Appliance



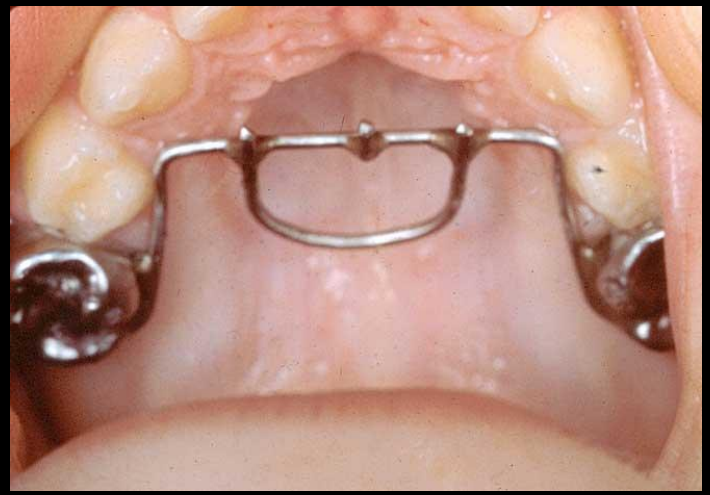






Anti-Habit Appliance

- Gradually reduce the size of the crib







Anti-Habit Appliance

- More aggressive approach





Anti-habit Appliance



- Alginate pick-up impression bands or Stainless steel crowns – stone cast with bands/SSC's
- Bend 0.8-1.0mm wire to desired shape and form
- Solder two portions of wire together with silver-solder
- Solder framework to bands or Stainless Steel Crowns





At the end of this course you DO NOT have the didactic knowledge or clinical skills to treat comprehensive orthodontic cases.