ORTHODONTICS AROUND THE WORLD
MEXICO

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"Orthodontic management of spaces in adult patients missing a maxillary tooth"

Mexico. Dental Care & Orthodontics
- Country number 14th in world economy, human development #57
- Wealth distribution not equal, reason for much variation in dental care
- Prevalence of Periodontal disease in Mexico is high (86%). Reason: 65% of population are considered living in poverty (rural)
- Orthodontic treatment in Mexico has risen
- Adult orthodontics has grown rapidly in Mexico (~20%)
- More multidisciplinary treatments

Adult Orthodontic Treatment

Dental characteristics that differ adults from adolescents:
- History or actual periodontal disease
- Gingival recessions
- Absence of papillae
- Tooth wear
- Early lost of permanent teeth (in occasions combined with unavailable space)
- Altered tooth structure (crown restorations, root amputations, endodontal treatments)
- Altered esthetics (soft tissues (lip support) and tooth color)
- Less tolerance to long treatments

Crucial PARAMETERS in space management plan when an anterior tooth is lost:
- OCCLUSION. Creating/maintaining molar interdigititation, class I canine, proper overbite and overjet
- BOLTON DISCREPANCIES. (natural tooth discrepancies, excessive general tooth wear (controversy), altered tooth structure)
- ESTHETICS.

To be considered:
1. Tooth width (orthodontist and prosthodontist)
2. Tooth color (prosthodontist)
3. Tooth height (prosthodontist/periodontist)
4. Gingival layout (periodontist/orthodontist)
5. Presence of papillae (orthodontist/prosthodontist/periodontist)
6. Lip support (orthodontist)
Tooth width (orthodontist)

#: Centrals: 8-9mm (80%)
     Laterals: 6-7mm (82%)
     Canines: 7-8mm (84%)

"Tooth proportion= width divided by length" : aprox 72-85% (vast literature)

- **HYGIENE ACCESS.** (for future periodontal maintenance)
  Inadequate space distribution: overcontoured restorations or lack of contact points

Central Point: Give the patient a restoration that within function and esthetics, will allow the proper access to perform an adequate oral hygiene