Goals
STAGE I

Unravel
Open bite
Class I Position of molars and canines
Correct Rotations
Correct Crossbites
Level Occlusal Plane

STAGE II

Close Spaces
Overcorrect class I Relationships
Maintain all goals achieved in Stage I
STAGE pre- III

Maintain all goals achieved in Stages I & II
Correct occluso-gingival relationships of Premolars
Correct bucco-lingual relationships of Premolars

STAGE III

Upright
Torque
Maintain all goals achieved in Stages I & II
STAGE IV

Establish ideal occlusion
Establish ideal esthetic relationships

TIP EDGES
ADVANTAGES

- Ease of wire changes
- Control
- Rapid changes in the vertical dimensions
- Midline integrity protected/preserved
- Improved rotational control
WHY TIP EDGE?

- Tipping mechanics
- Self limiting bracket
- Horizontal loading
- No undesirable couples
- More precise finish
- Colors

TIP EDGE ADVANTAGES

- Automatic progression from tip to translation
- Vertical slot/auxillary use
- Predetermined, full power uprighting
- Fewer archwires
- Torque options
Remove wedges from two opposite ends of archwire slot.
BRACKET DESIGN

- Initial tip limited
- Torque built into base
- Final tip built into bracket face
- Over torque only possible with round wires
PATIENT LR

SNA 77
SNB 74
ANB 3
SN GoGn 40
PP GoGn 31
L1 Apo 8.5
L1 GoGn 96
U1 SN 117
N: ANS/ANS:ME .72
Wits +1