IMD®
INNOVATION FOR YOU



ProMIM Passive Self-ligating Brackets

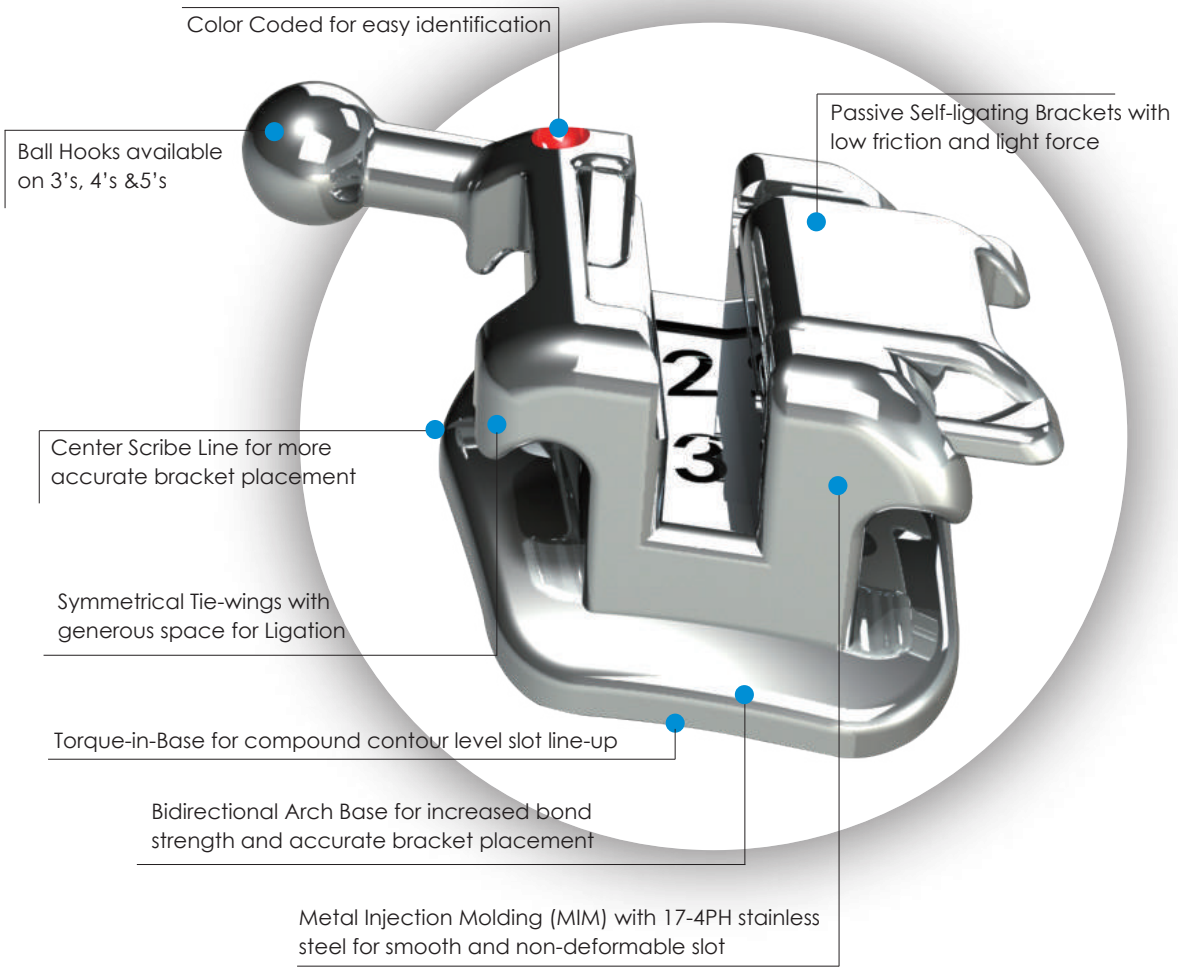
- Light force, Accurate, Easy to use

BRACKET SYSTEMS

ProMIM Passive Self-ligating Brackets

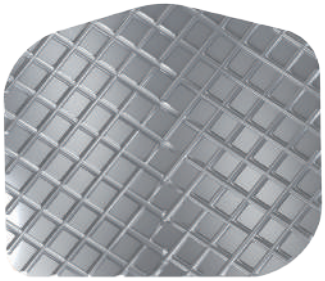
ProMIM - Foil Mesh bracket- 80 Gauge

Not available in the U.S. or Japan



One piece MIM construction

One piece MIM construction combines strength and precision into a single layer construction, enabling easy & precise fit achievement of desired torques and angulations.



BRACKET SYSTEMS

ProMIM Passive Self-ligating Brackets

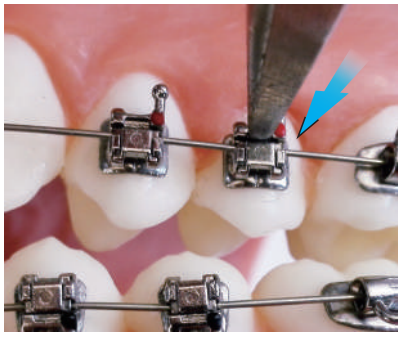
ProMIM

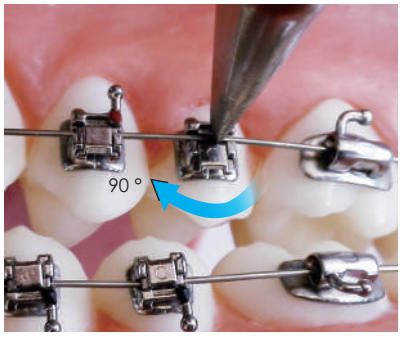




Easy opening clip

Easy opening clip and slot blocker design allows for quick, easy and time saving wire changes when compared to conventional brackets- simply open the clip with an opening instrument, engage the wire, and then slide the clip closed with your fingertip- it's that simple!





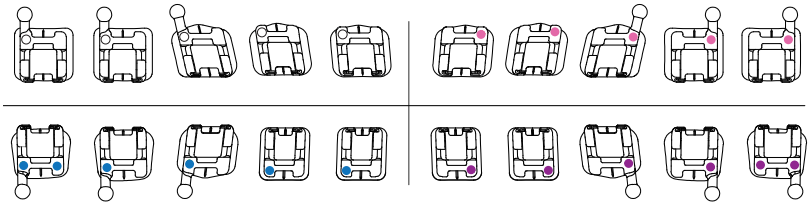


Opening Instrument

Reference Number	05-101-01

ProMIM Passive Self-ligating Brackets

BRACKET I.D. CHART





ProMIM series McBeTr* standard bracket kits

	.018 in.	.022 in.
U/L 5×5	KIT21-311-00	KIT21-321-00
U/L 5×5 Hook on 3	KIT21-311-00CHK	KIT21-321-00CHK
U/L 5×5 Hook on 3、4 & 5	KIT21-311-00CBCHK	KIT21-321-00CBCHK

McBeTr*

MAXILLARY

Tooth	Torque	Angle	Offset	M/D in mm	R/L	Color Code	Hook	Item Number .018	Item Number .022
Central (U1)	+17°	+4°	0°	3	UR	○	-	21-311-11	21-321-11
					UL	●		21-311-21	21-321-21
Lateral (U2)	+10°	+8°	0°	2.8	UR	○	-	21-311-12	21-321-12
					UL	●		21-311-22	21-321-22
Cuspid (U3)	-7°	+8°	0°	3	UR	○	-	21-311-13	21-321-13
					UL	●		21-311-23	21-321-23
					UR	○	D	21-311-13HK	21-321-13HK
					UL	●		21-311-23HK	21-321-23HK
Bicuspid (U4)	-7°	0°	0°	3	UR	○	-	21-311-14	21-321-14
					UL	●		21-311-24	21-321-24
					UR	○	D	21-311-14HK	21-321-14HK
					UL	●		21-311-24HK	21-321-24HK
Bicuspid (U5)	-7°	0°	0°	3	UR	○	-	21-311-15	21-321-15
					UL	●		21-311-25	21-321-25
					UR	○	D	21-311-15HK	21-321-15HK
					UL	●		21-311-25HK	21-321-25HK

MANDIBULAR

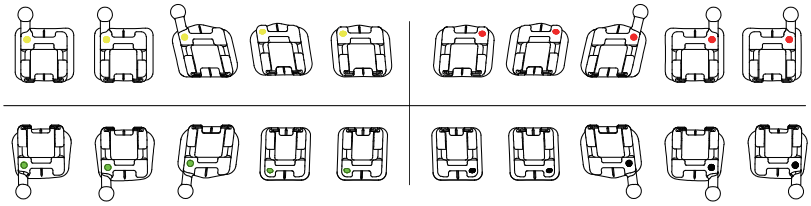
Tooth	Torque	Angle	Offset	M/D in mm	R/L	Color Code	Hook	Item Number .018	Item Number .022
Anteriors (L1)	-6°	0°	0°	2.6	LR	●	-	21-311-41	21-321-41
					LL	●		21-311-31	21-321-31
Anteriors (L2)	-6°	0°	0°	2.6	LR	●	-	21-311-42	21-321-42
					LL	●		21-311-32	21-321-32
Cuspid (L3)	-6°	+3°	0°	3	LR	●	-	21-311-43	21-321-43
					LL	●		21-311-33	21-321-33
					LR	●	D	21-311-43HK	21-321-43HK
					LL	●		21-311-33HK	21-321-33HK
1st Bicuspid (L4)	-12°	0°	0°	3	LR	●	-	21-311-44	21-321-44
					LL	●		21-311-34	21-321-34
					LR	●	D	21-311-44HK	21-321-44HK
					LL	●		21-311-34HK	21-321-34HK
2nd Bicuspid (L5)	-17°	0°	0°	3	LR	●	-	21-311-45	21-321-45
					LL	●		21-311-35	21-321-35
					LR	●	D	21-311-45HK	21-321-45HK
					LL	●		21-311-35HK	21-321-35HK

* Our version of the Roth Rx is not implied to be an exact version of any other system,nor do we claim any endorsement of Dr.Roth.Our version of the McLaughlin,Bennett,and Trevisi system is not implied to be an exact version of any other system, nor do we claim any endorsement of doctors McLaughlin,Bennett,and Trevisi.

BRACKET SYSTEMS

ProMIM Passive Self-ligating Brackets

BRACKET I.D. CHART





ProMIM series Roth* standard bracket kits

	.018 in.	.022 in.
U/L 5×5	KIT21-211-00	KIT21-221-00
U/L 5×5 Hook on 3	KIT21-211-00CHK	KIT21-221-00CHK
U/L 5×5 Hook on 3、4 & 5	KIT21-211-00CBCHK	KIT21-221-00CBCHK

Roth*

MAXILLARY

Tooth	Torque	Angle	Offset	M/D in mm	R/L	Color Code	Hook	Item Number .018	Item Number .022
Central (U1)	+12°	+5°	0°	3	UR	●	-	21-211-11	21-221-11
					UL	●		21-211-21	21-221-21
Lateral (U2)	+8°	+9°	0°	2.8	UR	●	-	21-211-12	21-221-12
					UL	●		21-211-22	21-221-22
Cuspid (U3)	-2°	+13°	4°M	3	UR	●	-	21-211-13	21-221-13
					UL	●		21-211-23	21-221-23
					UR	●	D	21-211-13HK	21-221-13HK
					UL	●		21-211-23HK	21-221-23HK
Bicuspid (U4)	-7°	0°	2°D	3	UR	●	-	21-211-14	21-221-14
					UL	●		21-211-24	21-221-24
					UR	●	D	21-211-14HK	21-221-14HK
					UL	●		21-211-24HK	21-221-24HK
Bicuspid (U5)	-7°	0°	2°D	3	UR	●	-	21-211-15	21-221-15
					UL	●		21-211-25	21-221-25
					UR	●	D	21-211-15HK	21-221-15HK
					UL	●		21-211-25HK	21-221-25HK

MANDIBULAR

Tooth	Torque	Angle	Offset	M/D in mm	R/L	Color Code	Hook	Item Number .018	Item Number .022
Anteriors (L1)	-1°	+2°	0°	2.6	LR	●	-	21-211-41	21-221-41
					LL	●		21-211-31	21-221-31
Anteriors (L2)	-1°	+2°	0°	2.6	LR	●	-	21-211-42	21-221-42
					LL	●		21-211-32	21-221-32
Cuspid (L3)	-11°	+7°	2°M	3	LR	●	-	21-211-43	21-221-43
					LL	●		21-211-33	21-221-33
					LR	●	D	21-211-43HK	21-221-43HK
					LL	●		21-211-33HK	21-221-33HK
1st Bicuspid (L4)	-17°	-1°	4°D	3	LR	●	-	21-211-44	21-221-44
					LL	●		21-211-34	21-221-34
					LR	●	D	21-211-44HK	21-221-44HK
					LL	●		21-211-34HK	21-221-34HK
2nd Bicuspid (L5)	-22°	-1°	4°D	3	LR	●	-	21-211-45	21-221-45
					LL	●		21-211-35	21-221-35
					LR	●	D	21-211-45HK	21-221-45HK
					LL	●		21-211-35HK	21-221-35HK

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ProMIM Passive Self-Ligating Brackets Sequence for Cu-Alloy Archwire

Recommended Wires and Sequence	Periods	Purpose
Step-1		
.014 Cu-Alloy (U/L)	2~4 months	Level and align Resolve rotation
Step-2		
.014 x .025 Cu-Alloy (U/L)	2~4 months	Complete leveling and aligning. Begin torque control Resolve remaining rotations.
Step-3		
.018 x .025 Cu-Alloy (U)	2~3 months	Additional torque control Anterior space consolidation Arch development.
Step-4		
.019 x .025 Stainless steel (U/L)	5~7 months	Arch development. Consolidate posterior sp
Step-5		
.019 x .025 Stainless steel (U/L) .021 x .025 Stainless steel (U/L)	4~5 months	Complete root movement
Step-6		
.021 x .025 Stainless steel (U/L)	1~2 months	Final detailing

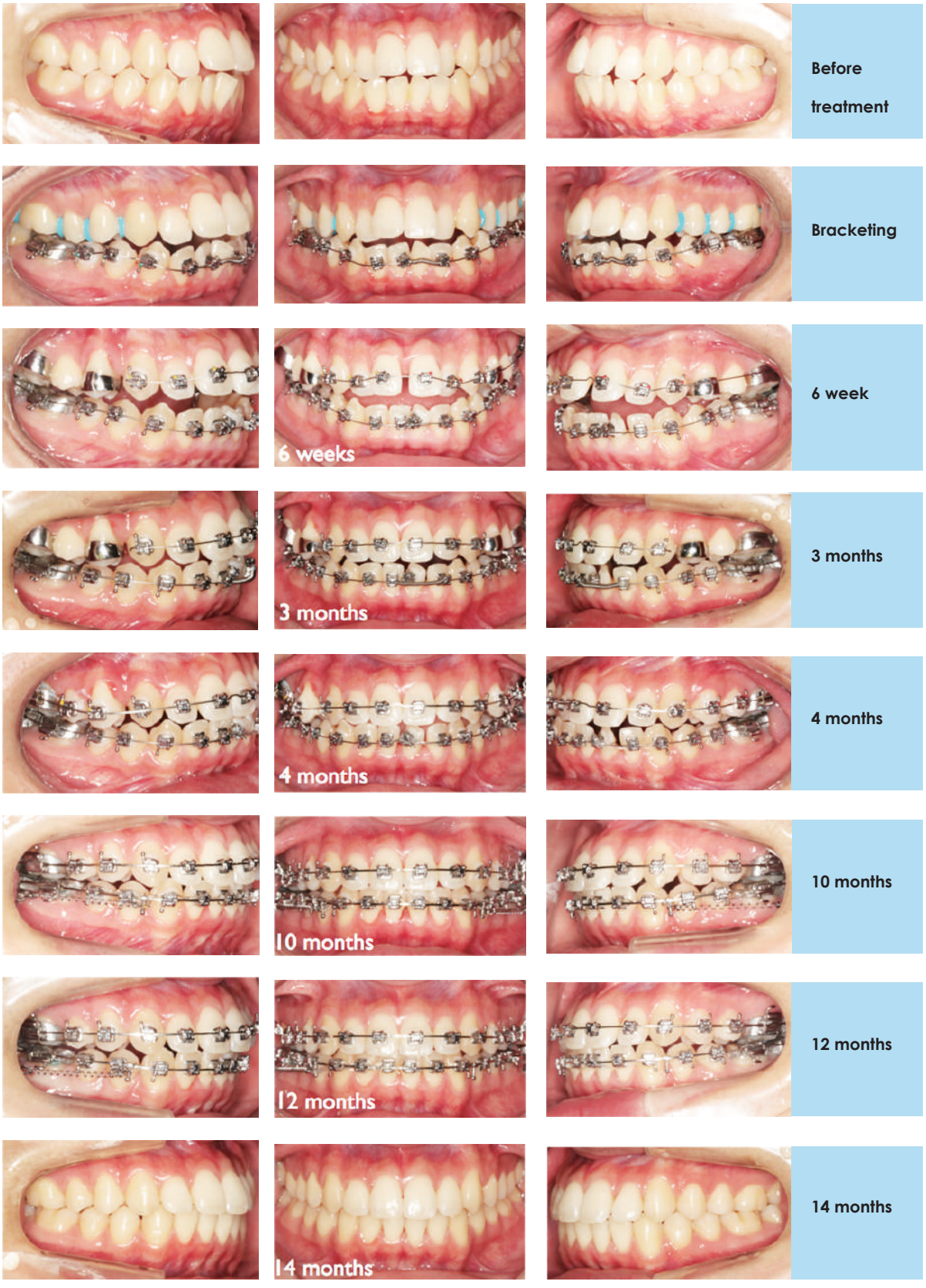
ProMIM Passive Self-Ligating Brackets Sequence for MEMAlloy and BIO MEMAlloy Archwire

Recommended Wires and Sequence	Periods	Purpose
Step-1		
.014 MEMAlloy (U/L) .018 MEMAlloy (U/L)	2~3 months	Level and align Resolve rotation
Step-2		
.018 x .018 Bio MEMAlloy (U/L) .020 x .020 Bio MEMAlloy (U/L)	3~4 months	Complete leveling and aligning Begin torque control
Step-3		
.019 x .025 Stainless steel (U/L)	5~7 months	Close extraction space
Step-4		
.019 x .025 Stainless steel (U/L) .021 x .025 Stainless steel (U/L)	4~5 months	Complete root movement
Step-5		
.021 x .025 Stainless steel (U/L)	1~2 months	Final detailing

Remarks:
1. The wires sequence is recommended by IMD, the specific use of the wire and its sequence are determined by dentists
2. The treatment time will be referred to the actual status of the cases
3. Above recommended wires are in pieces, dentists can make the decision of the wires' quantity according to different situations.

Case Study 1

— Case Treated by Dr. Jina Linton Lee



Before treatment

Bracketing

6 week

3 months

4 months

10 months

12 months

14 months

Before treatment

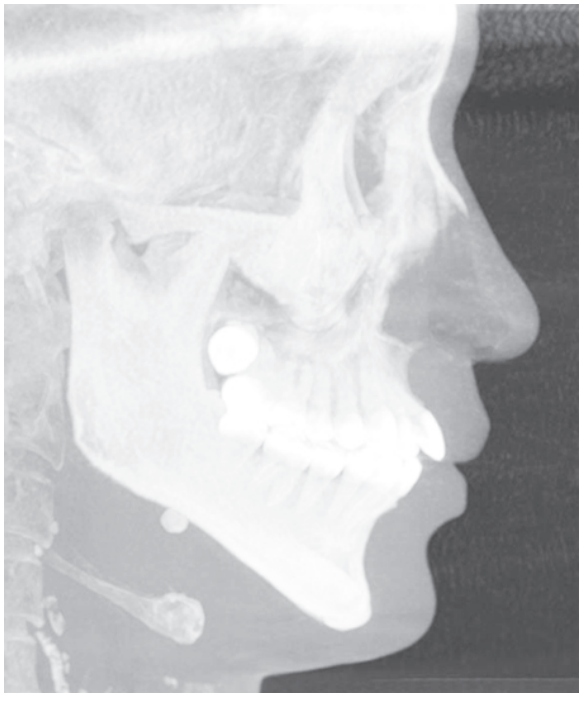
After treatment

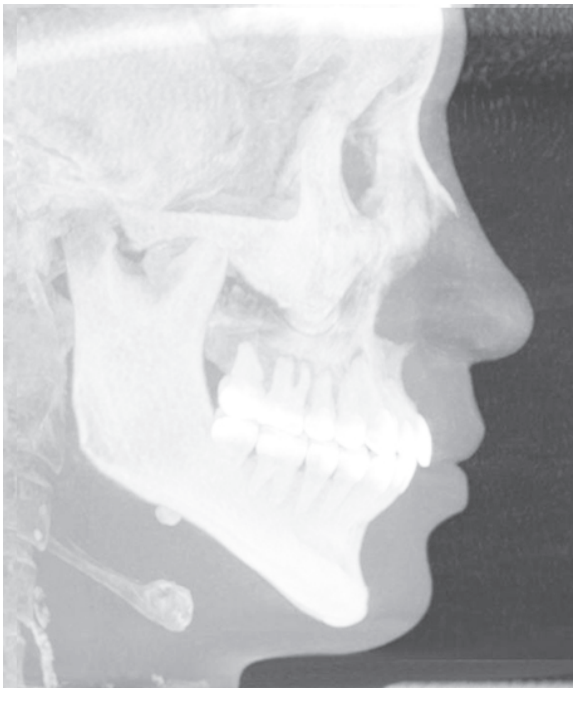












BRACKET SYSTEMS

ProMIM Passive Self-ligating Brackets

Before treatment





After treatment





Functional occlusion





— Case Treated by Dr. Jina Linton Lee

Case Study 2

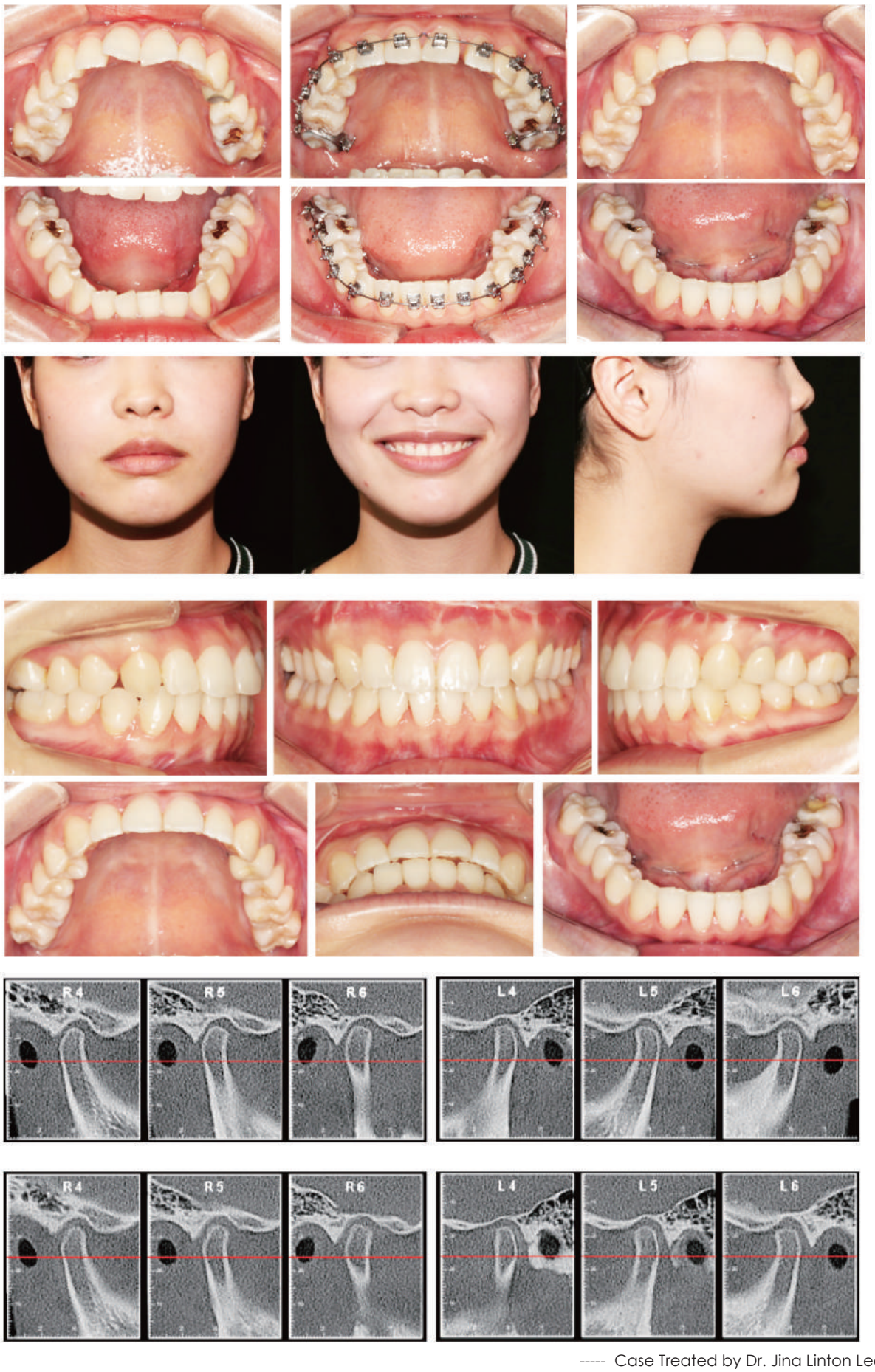
— Case Treated by Dr. Jina Linton Lee

Skeletal Class III open bite
22 yrs female



BRACKET SYSTEMS

ProMIM Passive Self-ligating Brackets



----- Case Treated by Dr. Jina Linton Lee

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