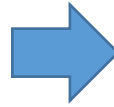


DMAX Coloring Technique

Alpha1, Alpha2, Alpha3, Smart Block

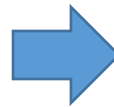
APR 2022

1. A1 shade crown with Alpha1 zirconia block (Basic effect color brushing)



Brushing with blue liquid(1 time)

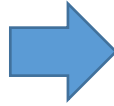
Brushing with grey violet(1 time)



Brushing with enamel liquid(1 time)

Brushing with orange yellow liquid(1 time)

1-1. A1 shade crown with Alpha1 zirconia block (Dentin Color Brushing)



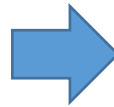
Brushing on cervical line
with A1 liquid(2 times)

Brushing on entire part
with purified water(1 time)

2. A2 shade crown with Alpha1 zirconia block

- Use basic effect color brushing method

2-1. A2 shade crown with Alpha1 zirconia block (Dentin Color Brushing)

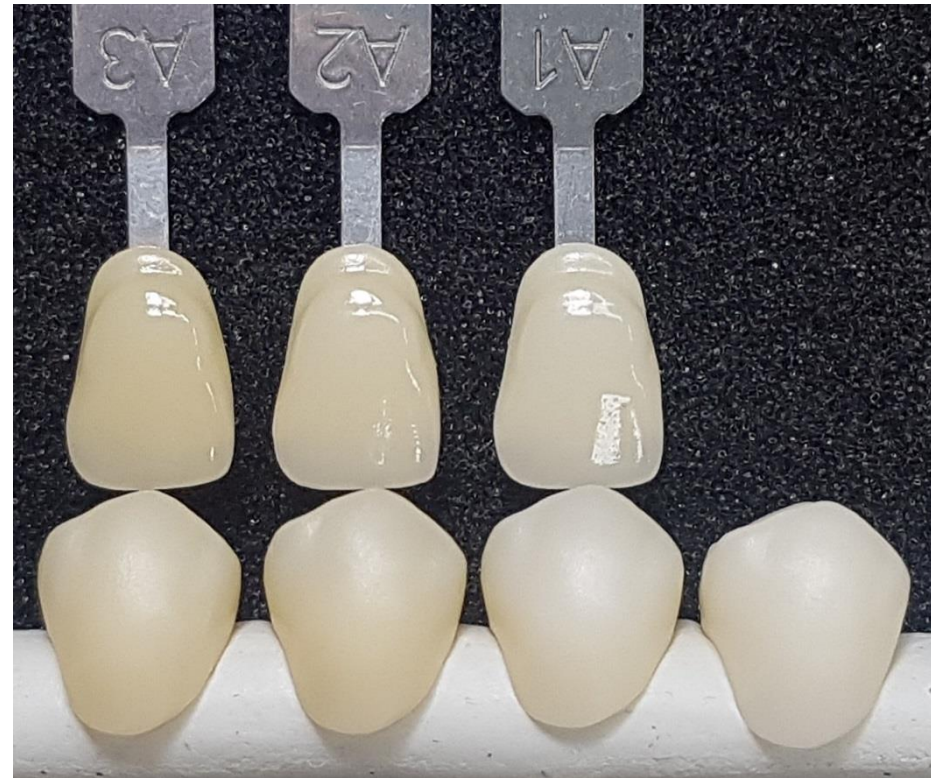
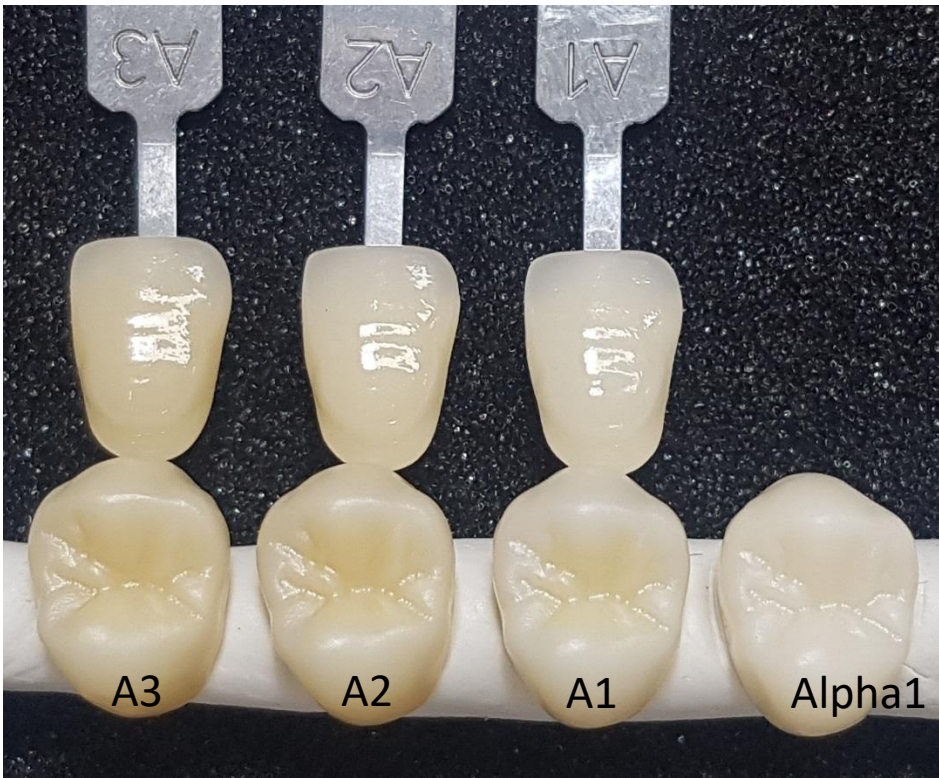


Brushing on cervical line
with A2 liquid(2 times)

Brushing entire surface with A1
liquid (2 times)

3. A3 shade crown with Alpha1 zirconia block

- Use basic effect color brushing method
- Dentin color brushing:
Brushing on cervical line with A3 liquid(2 times)
--> Brushing entire surface with A2 liquid (2 times)



3-2. B1 B2 B3 B4 shade crown with Alpha1 zirconia block



After applying the basic effect color, brush entire surface with B series liquids as below

Crown Shade	Coloring
B1	B1(2 times)
B2	B2(2 times)
B3	B3(2 times)
B4	B4(2 times)

3-3. C1 C2 C3 C4 shade crown with Alpha1 zirconia block



After applying the basic effect color, brush entire surface with C series liquids as below

Crown Shade	Coloring
C1	C1(1 time)
C2	C2(2 times)
C3	C3(2 times)
C4	C4(3 times)

3-4. D2 D3 D4 shade crown with Alpha1 zirconia block



After applying the basic effect color, brush entire surface with D series liquids as below

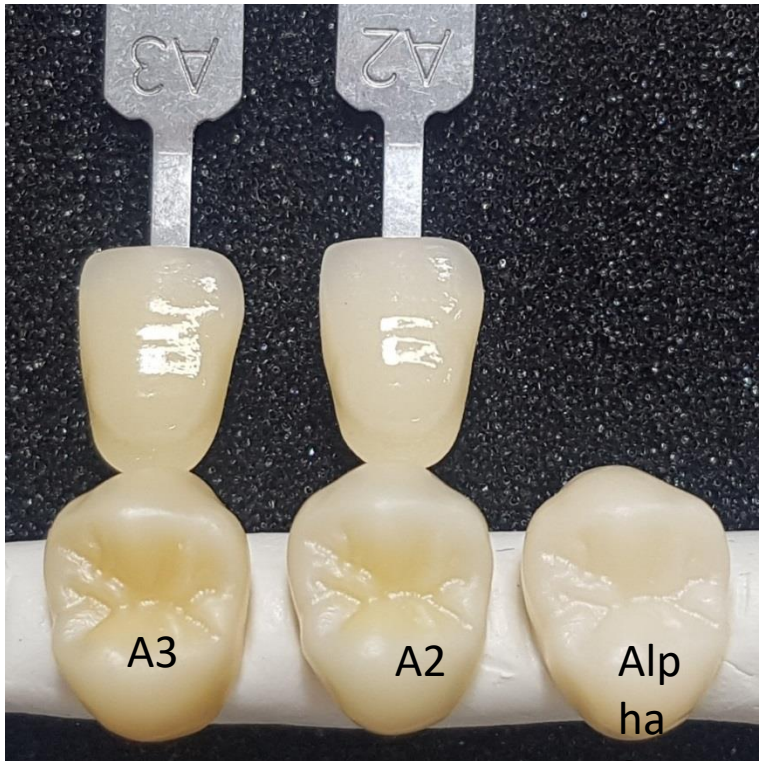
Crown Shade	Coloring
D2	D2(2 times)
D3	D3(2 times)
D4	D4(3 times)

4-1. A2 shade crown with Alpha2 zirconia block

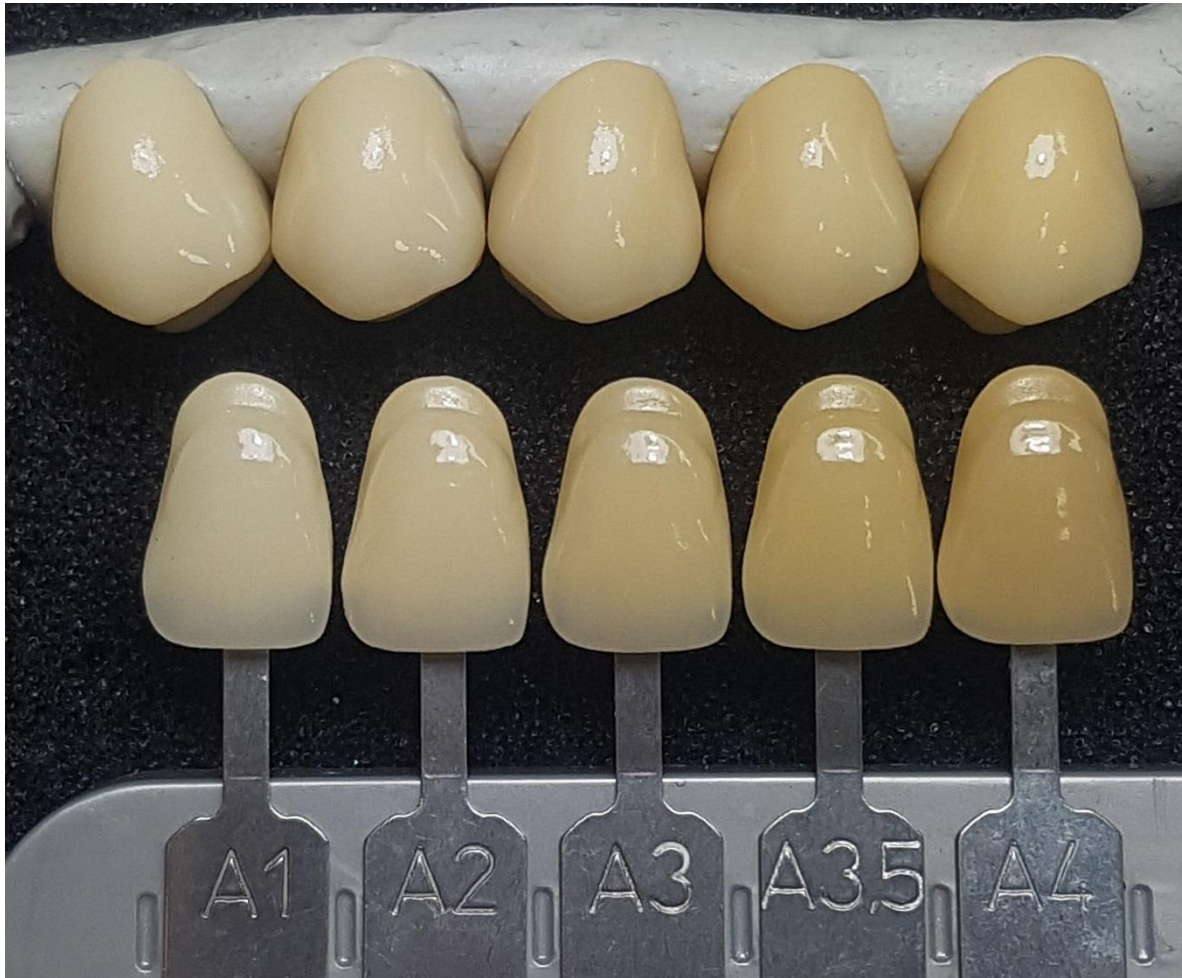
- Use basic effect color brushing method
- Dentin color brushing : Brushing on cervical line with A1 liquid(2 times)
--> Brushing on entire part with purified water(1 time)

4-2. A3 shade crown with Alpha2 zirconia block

- Use basic effect color brushing method
- Dentin color brushing : Brushing on cervical line with A2 liquid(2 times)
--> Brushing on entire part with A1 liquid(2 times)



4-3. A1, A2, A3, A3.5, A4 shade crown with Alpha2 zirconia block



Alpha2 crown can be used for A1 shade after sintering without any coloring

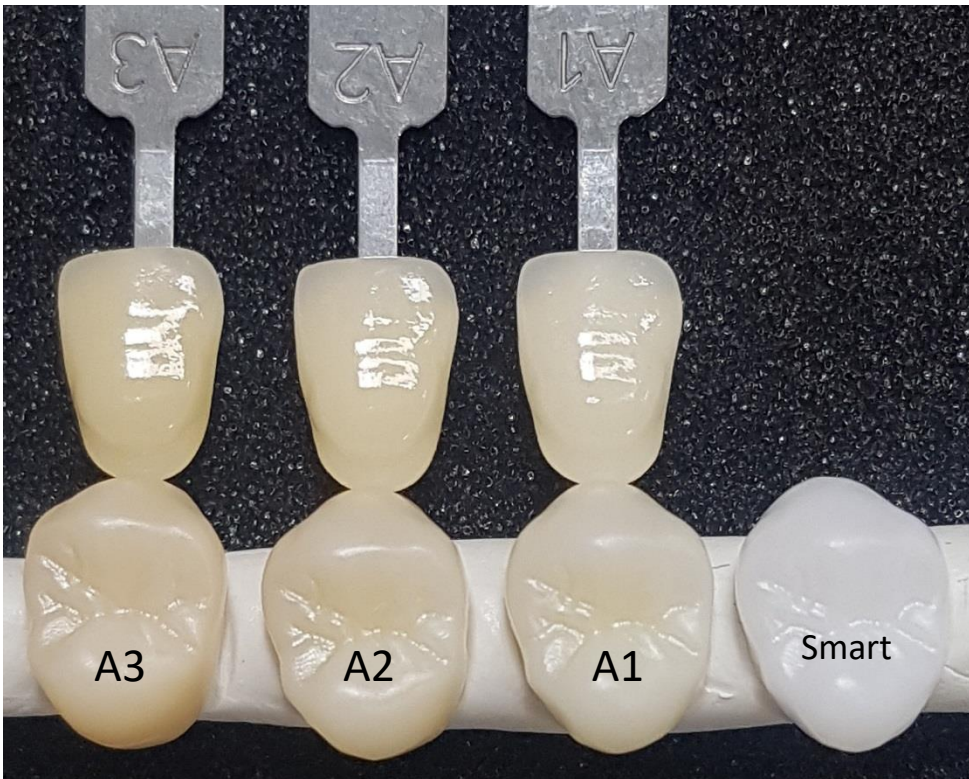
Dentin Color Brushing for each shade of Alpha zirconia block

Crown shade		A1	A2	A3	A3.5	A4
Alpha1	Cervical line	A1	A2	A3	A3.5	A4
	Entire surface	water	A1	A2	A3	A3.5
Alpha2	Cervical line	x	A1	A2	A3	A3.5
	Entire surface	x	water	A1	A2	A3
Alpha3	Cervical line	x	x	A1	A2	A3
	Entire surface	x	x	water	A1	A2

Since Alpha zirconia block is A shade block, it is recommended to use B C D series liquid in the white block for the B C D shade crown. Or, if it is unavoidable, we recommend final shade matching with external stain after coloring with bright A series color and sintering.

5-1. A1, A2, A3 shade crown with Smart Block

- Effect Color : It may be omitted, or only enamel liquid may be applied to the head for brightness adjustment.
- Dentin color brushing :
 - A1 shade crown : Dipping in A1 dipping liquid (30 sec.)
 - A2 shade crown : Dipping in A2 dipping liquid (30 sec.)
 - A3 shade crown : Dipping in A3 dipping liquid (30 sec.)
- All 16 vita shades crown is available with 16 kinds of classic dipping liquids.
- Anterior Full Crown Recommended
- Same coloring method can be applied to Omega Block



DMAX Color Shade



1. Before coloring
2. Gray violet
3. Blue
4. Enamel
5. Ice gray
6. Ice blue
7. Dark gray
8. Dark blue
9. Orange brown
10. Orange yellow
11. Brown
12. Pink
13. Fluorescence
14. White
15. A1
16. A2
17. A3
18. A4



Precautions

- After coloring, be sure to do sintering after drying at 200 °C for 20 minutes
- No drying needed in the middle of coloring
- Apply effect color first and then dentin color
- There are many kinds of effect colors, but the basic technique also gives good results.
- Be careful of pollution during all the processes of zirconia block coloring
- Dmax Color Liquid is a water base
- Use plastic tools during dipping
- Recommended sintering temperature of Dmax zirconia block is 1530 ± 20 °C
- Wash the used brush with clean water and then keep it dry.
- If you have any other questions, please contact Dmax.