



數位矯正 • 評估診斷書

DigiSOV® OrthoAnalyzer

SMILE

讓你舒服微笑每一天

數位矯正 • 評估診斷書

病患資訊

診所資訊

編號	診所
姓名 李〇〇	主治醫師
性別 男性	診斷時間
年齡 23 歲	2013 年 11 月 2 日

病患主訴

下顎前牙不正，且向舌側傾斜。

DigiSOV 分析

下顎前牙 Rotation 角度大，須將下顎牙弓向外撐開，以獲得空間，上下顎咬合相當緊密，overbite 約 2~2.5 mm，overjet 約 2~2.5 mm，上下顎後牙均向頰側擴張，根據 Schwarz Analysis，已超過正常範圍 6 mm，建議後牙內縮，前牙擴張。

預估治療計畫

總計需 7 個 Steps，約耗時 12 個月，以下為各個 Step 移動內容。

Step 1：上顎 11.12.13.21.22 向頰側擴張並且旋轉角度。
下顎 33.34.43.44.45 向頰側擴張。

Step 2：上顎 11.12.13.14.15.21.22 調整角度。
下顎 33.34.43.44.45 向頰側擴張。

Step 3：上顎 11.12.13.14.15.21.22 調整角度。
下顎 31.32.33.41.42.43 向唇側擴張並調整角度。

Step 4：上顎 11.12.13.14.15.21.22 調整角度。
下顎 31.32.33.41.42.43 向唇側擴張並調整角度。

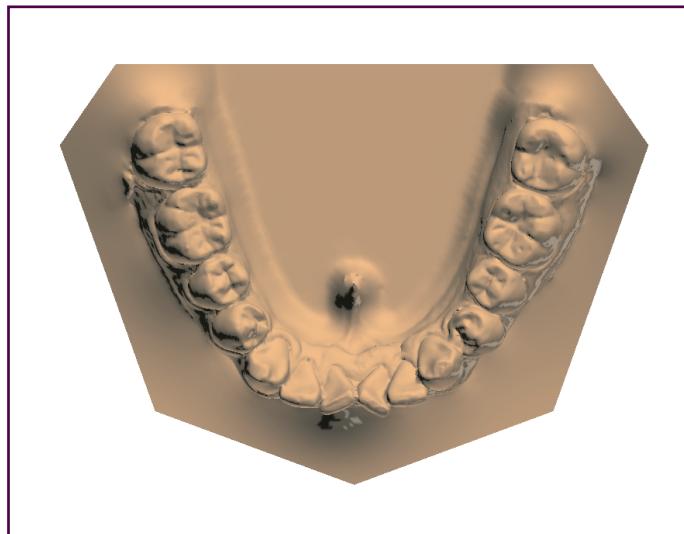
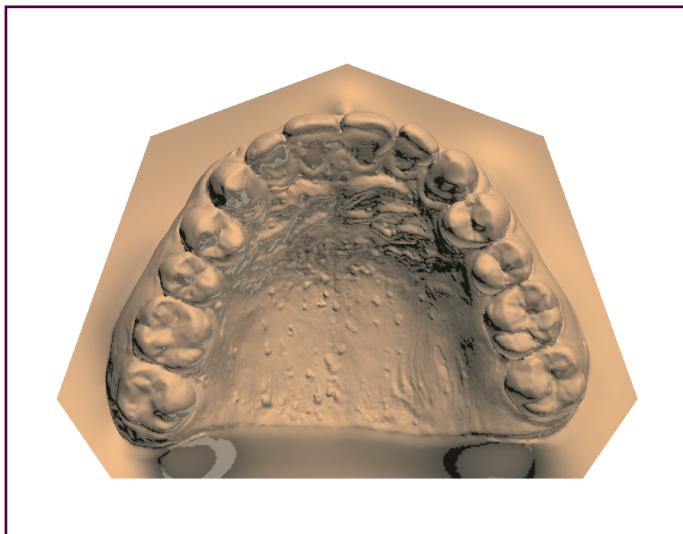
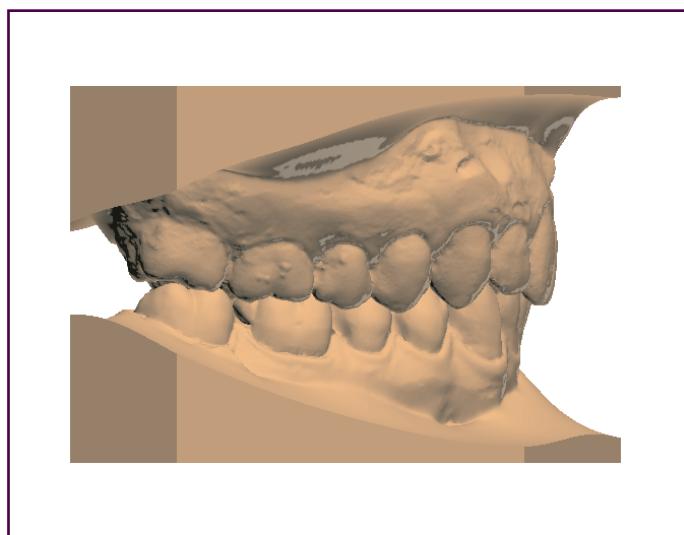
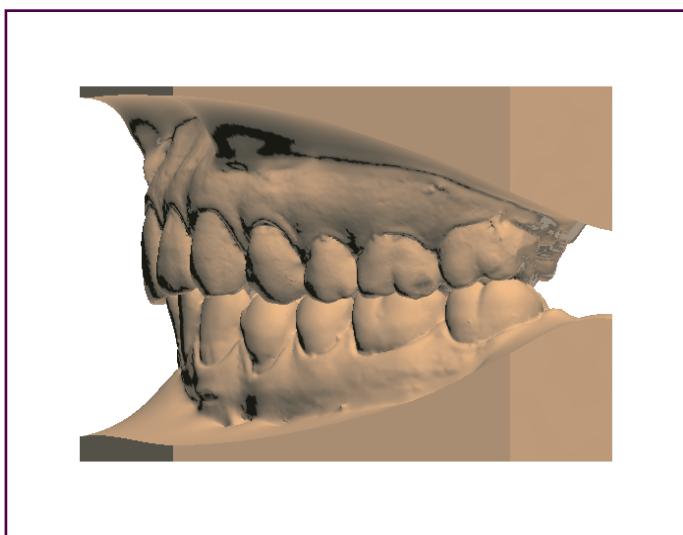
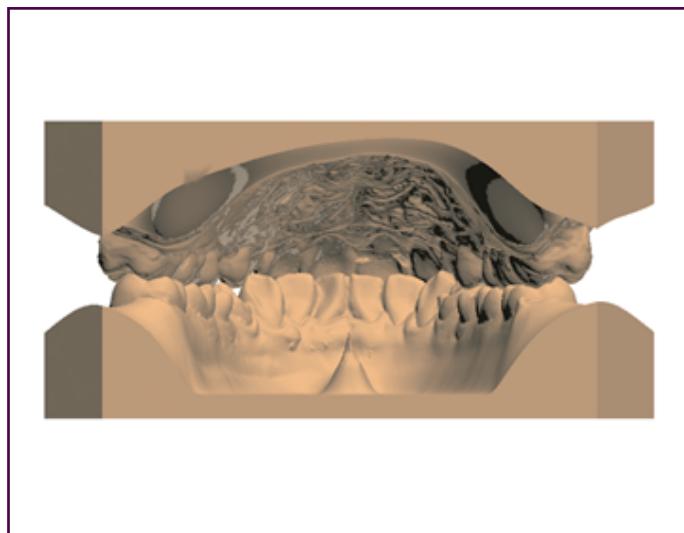
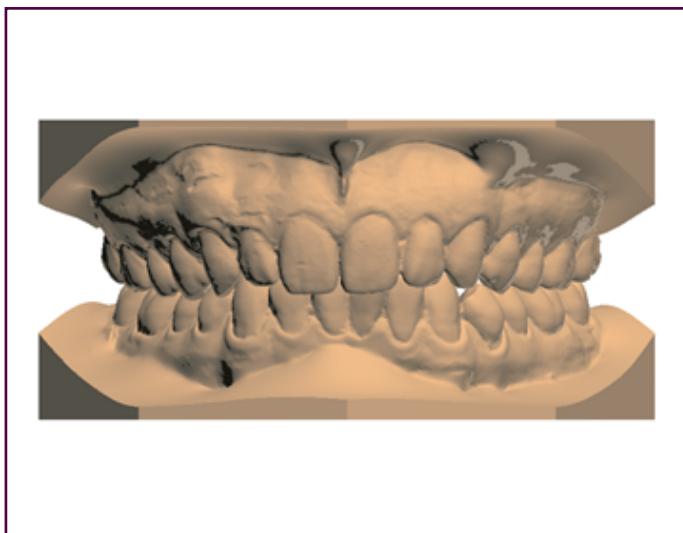
Step 5：上顎 11.12.13.21.22 調整角度。
下顎 31.32.41.42 向唇側擴張並調整角度。

Step 6：上顎 11.12.13.21.22 調整角度。
下顎 31.32.41.42 向唇側擴張並調整角度。

Step 7：上顎 11.12.13.21.22 調整角度。
下顎 31.41 調整角度。



術前標準模



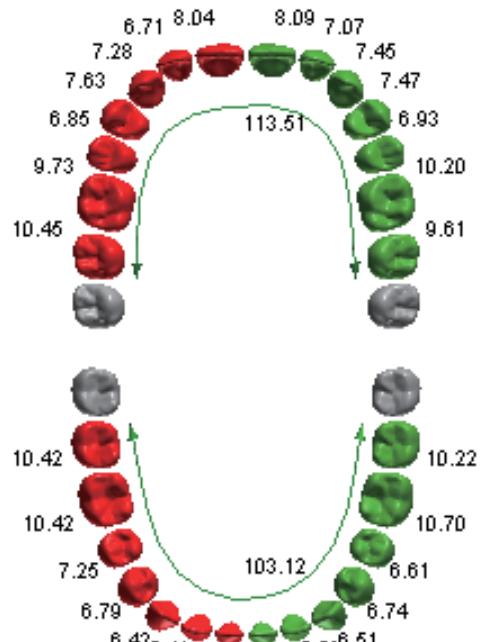
Ideal Arch Analysis

Ideal length

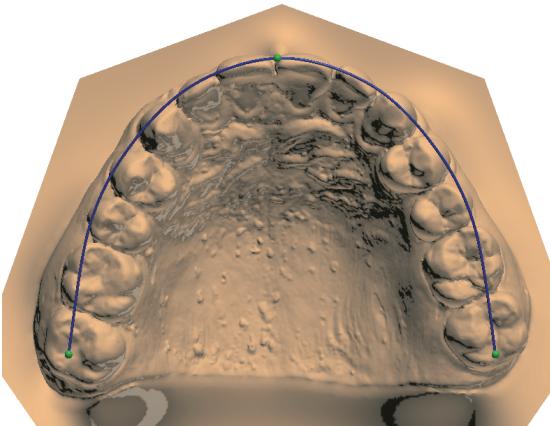
114.45

Bracket offset_length

114.45



Overview



Ideal Curve

DigiSOV分析

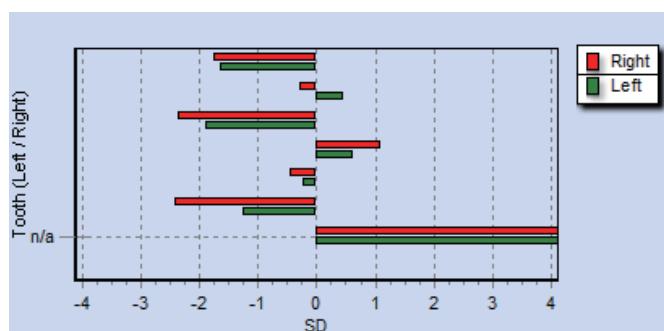
SOV
Sovereign of Viability



Tooth Width Analysis

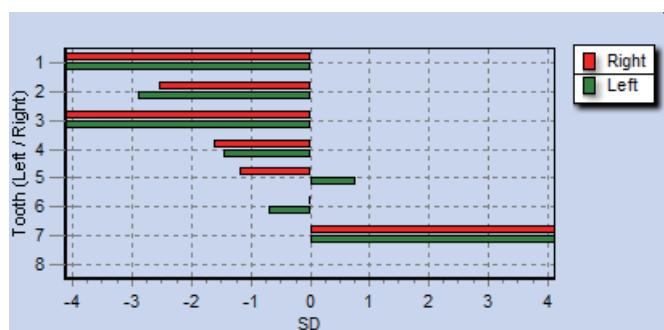
Maxillary Tooth Width Analysis

Tooth	Width	Tooth	Width
11	8.04	21	8.09
12	6.71	22	7.07
13	7.28	23	7.45
14	7.63	24	7.47
15	6.85	25	6.93
16	9.73	26	10.20
17	10.45	27	9.61
18	0.00	28	0.00



Mandibular Tooth Width Analysis

Tooth	Width	Tooth	Width
31	4.75	41	5.30
32	5.58	42	5.41
33	6.51	43	6.42
34	6.74	44	6.79
35	6.61	45	7.25
36	10.70	46	10.42
37	10.22	47	10.42
38	0.00	48	0.00



Bolton Analysis

ANTERIOR BOLTON ANALYSIS

Maxillary 6 width	44.64
Mandibular 6 width	33.97
Ratio	0.76

Maxill. 6	Mandib. 6	Ratio
43.50	33.60	0.77
44.00	34.00	0.77
44.50	34.40	0.77
45.00	34.70	0.77
45.50	35.10	0.77
46.00	35.50	0.77

OVERALL BOLTON ANALYSIS

Maxillary 12 width	93.45
Mandibular 12 width	82.48
Ratio	0.88

Maxill. 12	Mandib. 12	Ratio
91.00	83.10	0.91
92.00	84.00	0.91
93.00	84.90	0.91
94.00	85.80	0.91
95.00	86.70	0.91
96.00	87.60	0.91

DigiSOV 分析



Space Analysis

Maxillary Space Analysis

Total space available	73.52		
Sum of incisor widths	29.91		
Moyers		Tanaka & Johnston	
Sum of left canine & premolars	21.34	Sum of left canine & premolars	21.52
Sum of right canine & premolars	21.34	Sum of right canine & premolars	21.52
Total space required	72.60	Total space required	72.96
Discrepancy	0.92	Discrepancy	0.57

Mandibular Space Analysis

Total space available	61.36		
Sum of incisor widths	21.04		
Moyers		Tanaka & Johnston	
Sum of left canine & premolars	21.03	Sum of left canine & premolars	21.02
Sum of right canine & premolars	21.03	Sum of right canine & premolars	21.02
Total space required	63.10	Total space required	63.09
Discrepancy	-1.73	Discrepancy	-1.73

Korkhaus Schwarz Analysis

Korkhaus_A	29.91
Korkhaus_B	37.37
Korkhaus_C	54.12
Korkhaus_B idea	37.50
Korkhaus_C idea	48.00
Korkhaus_D idea	18.00
Korkhaus_B-B idea	-0.13
Korkhaus_C-C idea	6.12
Korkhaus_D-D idea	-4.17

Overbite/Overjet

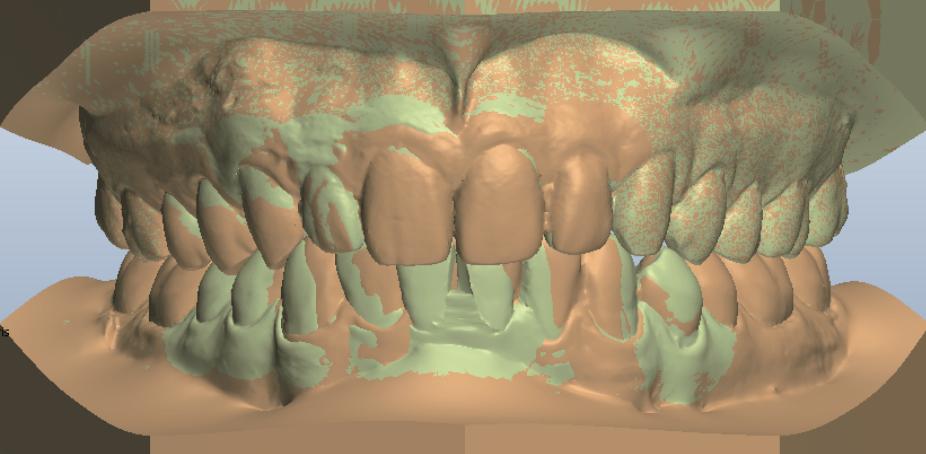
22 - Overjet	2.01
21 - Overjet	2.80
11 - Overjet	1.97
12 - Overjet	2.28
21 - Overbite	2.80
11 - Overbite	2.21

DigiSOV 分析

下顎前牙 Rotation 角度大，須將下顎牙弓向外撐開，以獲得空間，上下顎咬合相當緊密，overbite 約 2~2.5 mm，overjet 約 2~2.5 mm，上下顎後牙均向頰側擴張，根據 Schwarz Analysis，已超過正常範圍 6 mm，建議後牙內縮，前牙擴張。



術後評估模

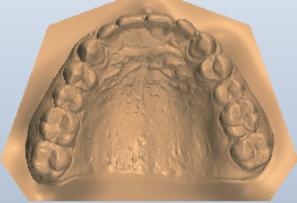
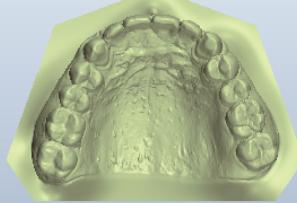


Patient ID: Iris
Patient SSN:
Patient name:
Patient address:
Patient city:
Patient country:
Clinic ID:

Model set ID: org
Model set operator:
Model set comment:
Model set date: 2013/11/2
Model set scan date: 2013/11/2
Model set scan time: 上午 10:48:01

Model set ID: 2013-11-05_19-56_V5_Iris
Model set operator:
Model set comment:
Model set date: 2013/11/5 下午 07:56:31
Model set scan date: 2013/11/2
Model set scan time: 上午 10:48:01

3shape ▶

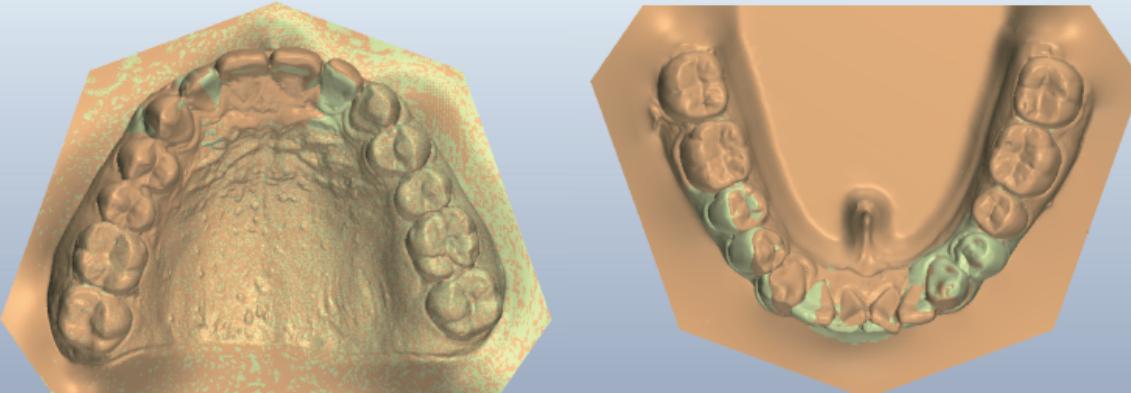
Reference case	Compare case
	
	

Patient ID: Iris
Patient SSN:
Patient name:
Patient address:
Patient city:
Patient country:
Clinic ID:

Model set ID: org
Model set operator:
Model set comment:
Model set date: 2013/11/2
Model set scan date: 2013/11/2
Model set scan time: 上午 10:48:01

Model set ID: 2013-11-21_22-16_V5_Iris
Model set operator:
Model set comment:
Model set date: 2013/11/21 下午 10:16:50
Model set scan date: 2013/11/2
Model set scan time: 上午 10:48:01

3shape ▶



Model set ID: 2013-11-21_22-16_V
Model set operator:
Model set comment:
Model set date: 2013/11/21 下午 10:16:50
Model set scan date: 2013/11/2
Model set scan time: 上午 10:48:01

Model set ID: 2013-11-21_22-16_V
Model set operator:
Model set comment:
Model set date: 2013/11/21 下午 10:16:50
Model set scan date: 2013/11/2
Model set scan time: 上午 10:48:01



預估治療計畫

Substep 1

Tooth number	Rotation	Angulation	Inclination	Left Right	Extrusion/Intrusion	Forward/Backward	IPR Distal (mm)	IPR Mesial (mm)	Circumference
13	1.9deg	0.4deg	0.0deg	0.1mm	-0.1mm				19.4mm
12	0.3deg			0.0mm					19.6mm
11					-0.2mm	0.0mm			23.6mm
21		-0.4deg		-0.1mm	-0.1mm	-0.1mm			23.7mm
22	-0.9deg	-0.7deg	0.0deg	-0.2mm		0.0mm			19.8mm
34		-3.0deg		-0.7mm	0.2mm				24.2mm
33				0.0mm					21.6mm
43	0.4deg			-0.1mm	-0.1mm	0.1mm			21.6mm
44	-5.0deg	2.0deg		-0.1mm	-0.3mm	0.6mm			24.0mm

Substep 2

Tooth number	Rotation	Angulation	Inclination	Left Right	Extrusion/Intrusion	Forward/Backward	IPR Distal (mm)	IPR Mesial (mm)	Circumference
13	3.7deg	0.9deg	0.1deg	0.2mm	-0.1mm				19.4mm
12	0.6deg			0.0mm					19.6mm
11					-0.3mm	-0.1mm			23.6mm
21		-0.9deg		-0.3mm	-0.3mm	-0.1mm			23.7mm
22	-1.7deg	-1.4deg	0.1deg	-0.4mm		-0.1mm			19.8mm
34		-3.0deg		-0.7mm	0.2mm				24.2mm
33				0.2mm					21.6mm
43	3.0deg			-0.9mm	-0.7mm	0.5mm			21.6mm
44	-5.0deg	2.0deg	0.0deg	-0.1mm	-0.3mm	0.6mm			24.0mm

預估治療計畫

Total

Tooth number	Rotation	Angulation	Inclination	Left Right	Extrusion/Intrusion	Forward/Backward	IPR Distal (mm)	IPR Mesial (mm)	Circumference
13	13.0deg	3.0deg		0.7mm	-0.4mm				19.4mm
12	2.0deg			-0.1mm					19.6mm
11					-1.1mm	-0.3mm			23.6mm
21		-3.0deg		-1.0mm	-1.0mm	-0.5mm			23.7mm
22	-6.0deg	-5.0deg		-1.4mm		-0.3mm			19.8mm
34		-3.0deg		-0.7mm	0.2mm				24.2mm
33				0.2mm					21.6mm
32	-16.0deg	1.0deg		0.1mm	-0.4mm				17.5mm
31	-40.0deg	10.0deg		2.2mm		1.0mm			16.1mm
41	27.0deg	-3.0deg		-2.2mm		0.1mm			16.3mm
42	12.-deg			-1.1mm		-0.2mm			17.1mm
43	3.0deg			-0.9mm	-0.7mm	0.5mm			21.6mm
44	-5.0deg	2.0deg		-0.1mm	-0.3mm	0.6mm			24.0mm

預估治療計畫

總計需 7 個 Steps，約耗時 12 個月，以下為各個 Step 移動內容。

Step 1：上顎 11.12.13.21.22 向頰側擴張並且旋轉角度。

下顎 33.34.43.44.45 向頰側擴張。

Step 2：上顎 11.12.13.14.15.21.22 調整角度。

下顎 33.34.43.44.45 向頰側擴張。

Step 3：上顎 11.12.13.14.15.21.22 調整角度。

下顎 31.32.33.41.42.43 向唇側擴張並調整角度。

Step 4：上顎 11.12.13.14.15.21.22 調整角度。

下顎 31.32.33.41.42.43 向唇側擴張並調整角度。

Step 5：上顎 11.12.13.21.22 調整角度。

下顎 31.32.41.42 向唇側擴張並調整角度。

Step 6：上顎 11.12.13.21.22. 調整角度。

下顎 31.32.41.42 向唇側擴張並調整角度。

Step 7：上顎 11.12.13.21.22. 調整角度。

下顎 31.41 調整角度。





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