SIMtoCARE

山中

臨床口掃病例製作教材指引

中山醫學大學牙醫學系編撰

臨床口掃病例製作教材

- 一、匯入口掃機 ply 掃描檔
- 1. 準備好口掃機 ply 檔案
- 2. teacher station 點選 Scan-Upload



3. Add your scans->選擇上/下顎(可全選)->右側可見到匯入的檔案



- 4. Send to user:輸入檔案處理者的電子信箱
- 5. Due date:可設定長一些(例如 10 年)
- 6. Pss case:系統自動依據您匯入檔案次序編號
- 7. Send
- 8. 螢幕出現 QR code->可拍照供後續登入 simulator 用或不予理會 (可使用帳號登入)
- 9. 檔案匯入完成。未經 voxelizer 無法進行 drill, 需經模擬機 voxelizer 處理後再匯回 teacher station, 才可進行 case 設定。



- 二、口掃檔案 voxelizer
- 1. 登入 simulator(可掃描 QR code 或帳號登入)
- 2. 畫面自動顯示匯入的口掃檔案



- 3. 點選上圖左邊 icon 可供選取顯示上/下顎
- 4. 系統自動設定左下方手機選擇處為灰色圓圈圖案 (voxelizer)
- 移動手機可見到圓圈圈圖案,請將圓圈圖案移至您要 立體像素化的牙位

- 牙齒成藍色(若牙齒未呈現成藍色表示圓圈圈未與牙位 在同一平面上,請將手機上下移動即可)
- 7. 踏住腳踏板直到圓圈圈再度變成灰色並有噹的聲響表示 voxelizer 完成
- 完成 voxelizer 後可見牙位上有切痕,定位圓圈時請注 意位置(可上下左右位移試試)以免切痕影響後續作業
- 9. 若需多牙位 voxelizer ,請重複 5-7 步驟即可
- 10. 請將牙模擺放您希望學生進 simulator 時看到的模型方 位
- 11. 完成後請至下一頁
- 12. Submit





- 三、Case 設定
- 1. Login teacher station
- 2. 點選 Reports-Scan report
- 3. 輸入職工號或電子信箱



- 4. 頁面上方為使用者資訊
- 5. 頁面下方為使用者所有由 simulator 匯回已 voxelizer 的檔案
- 6. 點選剛匯回檔案右方的 view (藍色)

an reports					
lser					
lser: lame: itudent number:	max@csmu.edu.tw Shyh-Huang Yang 100947	\leftarrow			
ican from m	ax@csmu.edu.tw				
Scan from m Assigned date: 01/0 Due date: 01/0	ax@csmu.edu.tw 13/2024 13/2024				
Scan from m Assigned date: 01/0 Due date: 01/0 Message: d: 9dd	19/2024 19/2024 22003-3:c81 4ed4-ael4-9car(83a8b	96ad			
Scan from m ussigned date: 01/0 Due date: 01/0 Aessage: d: 9dd Attempts	nax@csmu.edu.tw)3/2024)3/2024 2ab03-3c81-4ed4-ael4-9cad83a8b	обис			Y5
Accan from m assigned date: 01/0 ve date: 01/0 Accase: dt: 9dd Attempts case: 11	nax@csmu.edu.tw 13/2024 22203-3081-4ed4-ael4-9cad83a8b time start ↑↓	time end ↑↓	result 11	feedback 1	view

- 7. 檢視是否為剛匯回 teacher station 的 case 檔案
- 8. 請點選 download-snapshot 儲存 model



四、Case Editor

1. 點選 Case Editor – Case

	192,168,103,1,182	NATION BUILD			-
@ Hom	e 🗄 Planning ~	🗠 Reports 🗸	E Case Editor		SY
			i≣ Procedures		
>	Cases		i≣ Cases ←	G import Q Search	
	Name	Title	Institute		
>	Anatomy & charting				

2. 選擇 case 相關類別或選擇最下方 patient specific

* ##### ******************************		•••					osmu.simtocare.local	ං භ - උ		0 Å + C
★ Kerners ★		>	Anatomy & charting							
> Instanting		>	Anesthesia							
> inventore > invent		>	Endodontics							
> Marad adamting > Marad adamting > Marad adamting > Marada ada ada adamting > Marada ada ada ada ada ada ada ada adamting > Marada ada ada ada ada ada ada ada ada ad		>	Implantology							
○ Geretite Detetting Predera beretiting Predera ber		>	Manual dexterity							
> Preter tases > Preter tases Balactive > Preter tase Balactive > Preter tase tas Orug Bala Madat Ublewers > Preter tase (rong) Orug Bala Madat Ublewers > Preter tase (rong) Orug Bala Madat Ublewers > Deter tase Balactive > Deter tase Balactive > Deter tase Balactive > Orug Bala Da fa ta tase sets (Edit 、 Copy 、 Export 、 Deletet) Copy Ag Di Pa fer - 課 Red fa & B & Deter tase > Oruge Sets form passor		>	Operative Dentistry							
> Pedera Dentary		>	Problem based							
Personance Personance Belancante Personance Ester		>	Pediatric Dentistry							
Prethodorsi Prethodo		>	Periodontology							
* Wert specify Pater case BMACARE * Widt Chief * Using Share Madical University * Using Share Madical University * Widt Chief * Using Share Madical University * Using Share Madical University * Widt Chief * Using Share Madical University * Using Share Madical University * Widt Chief * Using Share Madical University * Using Share Madical University * State Cases B a b b 3 (Edit 、 Copy 、 Export 、 Deletete) Copy 類 別 內 任 一 課 程 作 為 基 礎 , 以 修 改 設 定 (以 原 廠 psssoo1 為 * Merice Marking * Normal Merice		>	Prosthodontics							
prodit Preter case UNACATE prodit Prime Conference prodition Prime Conference prodition Prime Conference prodition Prime Conference prodition Prime Conference Prime Confe		\sim	Patient specific	←						
put01:bit p1 p1 program bodied blowsy prog			pss001	Patient case		8	IMtoCARE			- - -
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx			pss001-Liu11	#11		c	hung Shan Medical University			1
with the task king with ta			pss001-test	1130306 test		c	hung Shan Medical University			/ Edit
putdrinter Durg Barr Medal Lahwang)			pss001-test1	Patient case test		C	chung Shan Medical University			Copy
States Land Land Land Land Land Land Land Land			pss001-test2	Patient case (copy)		С	hung Shan Medical University			C Export
Copy 類別內任一課程作為基礎,以修改設定(以原廠 pssoo1 》 * Menal Internet > Operative Density > Proteine Density		_	pss001-lest1 pss001-lest2	Patient case test Patient case (copy)		c c	Chung Shan Medical University Chung Shan Medical University		· ·	Copy Copy Copy Copy Copy Copy Copy Copy
	點	巽	case	最右方	3個直	立黑	告點(Edit、	Copy 、 E	xport ·	• Delete)
Mexal identify Operative Dentify Protein based Pedant: Dentify Pedant: Dentify Pedant: Dentify Copy case from pas001 Copy case from pas01	點 Co	選 py	case / 類別	最右方 內任-	3個直 ·課程作	_立黑 ≅為基	點(Edit、 &礎,以修	Copy、E 改設定(以	xport 《原廠]	Delete)
Copy case from pss001 Poster based Pedaric Dentify Product Dentify Product opp	點 Co	選 py	case 7 類別	最右方 內任一	·3個直 ·課程伯	⊆立黒 ≣為基	點(Edit、 基礎,以修	Copy、E 改設定(」	xport、 《原廠]	Delete)
Protein fased Protein fased Protein fased Protein fased Protein fased Centre topy	點子 Co	選 py natogy al doata	case 7 類別	最右方 內任一	· 3 個直 ·課程伯	[立黑 ∈為基	は點(Edit、 を礎,以修	Copy、E 改設定(」	xport、 、原廠 I	Delete)
Preducto Devisiony Preductor Days Constant Days Constant Days	點子 Co > mpile > mpile > mpile	選 py natogy al doata	case 7 類別	最右方 內任一	·3個直 ·課程伯	[立黑 [為基 15001	告點(Edit、 &礎,以修	Copy、E 改設定(以	xport、 《原廠]	> Delete) pss001 <i>≵</i>
> Periodintology	點 CO > Inglia > Mark > Open > Proto	娶 PY entitiogy al deate ent base	Case 7 類別	最右方 內任一	3個直 ·課程们	[立黑 E為基 18001	5點(Edit、 &礎,以修	Copy、E 改設定(以 ®	xport、 《原廠 I	> Delete) pss001 <i>≵</i>
	點 CO > Ingle > Mark > Oper > Prob > Prob	選 Py matogy al docto atter Den atter Den	case 7 類別 ^{may}	最右方 内任一	3個直 ·課程们 Copy case from pr	[立黑 ∈為基 1×001	5點(Edit、 基礎,以修	Copy、E 改設定(以 ®	xport、 《原廠 I	Delete) DSSOO1 &

5. General->確認 case 名稱、輸入 case 各項設定、上載完成設定的 model,記得 Save

● □ • < >		comu simtocore. local	ର ସମ	0 Å t
Home 🗎 Planning 🗸 🖾 Reports 🗸	🗄 Case Editor 🗸 📄 Scans 🗸 🛞 Admin 🗸	<i>.</i>		
General Introduction Execution	Evaluation			
	Care			
	pse001-test			
Title				
Patient case (copy)				
Topic				
N/A				
Level 0	4			
•				N
Model				2
Model				Select + Upload
lartituta				
Chung Shan Medical University				N 1
-				×
Advanced				X Cancel D Save
				A cancer B care

6. Introduction->請輸入 Objective 與 Description,目前只能輸入英文,記得 Save



7. 選取 Execution-Control, 請勾選各項設定參數, 記得 Save

• • •		osmu simtocare Jocai	5 6 92	
lome 📋 Planning 🗸 🗠 Reports 🗸	\equiv Case Editor $ \sim ~ \equiv$ Scans $ \sim $	⊕ Admin ∽		
v .				
General Introduction Execution	Evaluation			
	he forester			
Controls Instruments Burs Lir	lits Scoring			
Enable Zoom		🖂 Enab	ble Jaw toggle	
Max. Zoom: 4.5x		Enab	ble Implant Planning	
		Enab	ble Irrigation	
Set zoom Level: 1 0 x		Enab	ble Perforation	
Enable Cross sections		Enab	No. Intitration Money memorit	
Enable Percentages			and minimation metasolitering in	
Enable Outline		🗹 Enab	ble Snaphots	
- Facilia Transmission		Auto ana	apshot interval	
Enable Transparency		0	seconds	

8. 選取 Execution-Instruments,請勾選擬提供學生使用的器械(請參考原廠提供的附圖型錄)

• • • < >		osmu.simtocare.local	পঞ্জ ৫	⊕ û +
General Introduction Execution E	valuation			
Controls Instruments Burs Lim	its Scoring			
108810 101				
Туре	Code		Name	
Type brush	Code		Nате	

9. 選取 Execution-Burs,請勾選擬提供學生使用的 bur (請參考原廠提供的附圖型錄)

□ • < >	csmu.simtocare.local	මා ර	۲
eneral Introduction Execution Evaluation			
Controls Instruments Burs Limits Scoring			
Toggle All			
Shape	Code Name	Shank Grid	Max. Diameter
> Flame			
> Flat end cylinder			
> Flat end taper			
> Elat and taxor CCE			

10. 選取 Execution-Limiting,請輸入模型旋轉與移動的限制。教材委製單旋轉角度選項為無限制/+-50度(模擬人頭轉動限制)、移動選項為無限制/+-50mm

Max Y			
Max X 0 Max Y			
0 Max Y			
Max Y			
0			
Max Z			
0			
Max X			
0			
Max Y			
0			
14			
Max Z			
	Мая Z 0 Мая X 0 Мая Y 0	Мах Z 0 Мах X 0 Мах Y 0	Max Z 0 Max X 0 Max Y 0

10. 若擬自動計分,請輸入計分公式

••• ⊞• < > ()		csmu.simtocare.local	®a ¢	⊕ ů + C
🏦 Home 📋 Planning 🗸 🔄 Reports 🗸 🗉 Case Editor 🗸	\equiv Scans \lor $@$ Admin \lor			SY
General Introduction Execution Evaluation				
Scoring formula	<			

11.Evaluation-Enable Mail,若擬讓學生送出作業後收到 mail 通知,請勾選

습 Home 📋 Planning 🗸 🗠 Reports	✓	⊗ Admin ∨	
General Introduction Execution	n Evaluation		
Advanced			X Cancel 🛱 Save