

Appendix: Simulator list

number	company	simulator name	category	Validity level (reference)
1	METI	MetiMan	1	
2	METI	iStan	1	
3	CAE	HPS	1	content [36-39]
4	CAE	ECS	1	content [48; 49]
5	surgical science	PediaSim	1	
6	METI	BabySim	1	
7	METI	Pelvic Exam sim	1	
8	kyoto kagaku co.ltd	Cardiology Patient Simulator "K PLUS" Training system	1	
9	kyoto kagaku co.ltd	LSAT Lung Sound Auscultation Trainer	1	
10	kyoto kagaku co.ltd	EYE	1	
11	kyoto kagaku co.ltd	EAR	1	
12	kyoto kagaku co.ltd	Visual-Tactile Breast Examination Simulator	1	
13	kyoto kagaku co.ltd	Newborn Vital Signs Examination Simulator II	1	
14	kyoto kagaku co.ltd	Prostate Examination Simulator	1	
15	kyoto kagaku co.ltd	Digital Rectal Examination Simulator	1	
16	kyoto kagaku co.ltd	Pitting Edema Model	1	
17	kyoto kagaku co.ltd	Pelvic Mentor	1	
18	laerdal	SimMan	1	concurrent [28;50; 64;155]
19	kyoto kagaku co.ltd	Sim Junior	1	
20	kyoto kagaku co.ltd	ALS Simulator	1	
21	laerdal	SimBaby	1	concurrent [29]
22	CAE	SimNewB	1	content [52]
23	laerdal	Harvey ,The Cardiopulmonary Patient Simulator	1	concurrent; [51; 65; 66; 67; 154]
24	CAE	Nursing Anne	1	face [48]
25	kyoto kagaku co.ltd	Nursing Kelly	1	
26	kyoto kagaku co.ltd	Nursing Kid	1	
27	kyoto kagaku co.ltd	Nursing Baby	1	
28	kyoto kagaku co.ltd	Newborn Anne	1	
29	kyoto kagaku co.ltd	Baby Hippy	1	
30	Shanghai Honglian Medical Instrument	Breast Inspection Model(medical model)	1	

	Development Co., Ltd.			
31	Shanghai Honglian Medical Instrument Development Co., Ltd.	Gynaecological Training Model(Gynaecology, medical model)	1	
32	Shanghai Honglian Medical Instrument Development Co., Ltd.	Advanced Maternity Model(medical model,model)	1	
33	Shanghai Honglian Medical Instrument Development Co., Ltd.	Labor Delivery Module(medical model)	1	
34	Limbs & things	Lung Sound Auscultation Trainer	1	
35	Limbs & things	Cardiology Patient Simulator "K Plus" training system	1	
36	Limbs & things	Ear Examination Simulator	1	
37	Limbs & things	Eye Examination Simulator	1	
38	CAE	Lecat's VentriloScope: Standard Package	1	Face [46]
39	Limbs & things	Clinical Female Pelvic Trainer Mk 3 - Advanced	1	
40	Limbs & things	Examination & Diagnostic Breast Trainer	1	
41	Limbs & things	Strap-on Breasts	1	
42	Limbs & things	Rectal Examination Trainer Mk 2	1	
43	Limbs & things	Urethral Sling Procedure Trainer	1	
44	Limbs & things	Bristol TURP Trainer	1	
45	Adam Rouilly	ADULT CRISIS AUSCULTATION MANIKIN	1	
46	Adam Rouilly	DELUXE PLUS ADULT CRISIS AUSCULTATION MANIKIN	1	
47	Adam Rouilly	DIAGNOSTIC PERITONEAL LAVAGE TRAINER	1	
48	Adam Rouilly	INTERACTIVE ECG SIMULATOR	1	
49	Adam Rouilly	AUSCULTATION TRAINER AND SMARTSCOPE™	1	
50	Adam Rouilly	ANTERIOR AUSCULTATION PRACTICE BOARD AND CASE	1	
51	Adam Rouilly	GERI™ AUSCULTATION TORSO	1	
52	Adam Rouilly	KERI™ AUSCULTATION TORSO	1	
53	Adam Rouilly	CHILD HEART AND LUNG SOUNDS TRAINER	1	

54	Adam Rouilly	BLOOD PRESSURE SIMULATOR FOR CPARLENE™	1	
55	Adam Rouilly	BLOOD PRESSURE SIMULATOR	1	
56	Adam Rouilly	DELUXE BLOOD PRESSURE SIMULATOR WITH AMPLIFIER/SPEAKER SYSTEM	1	
57	Adam Rouilly	STANDARD BREAST SELF EXAMINATION TRAINER	1	
58	Adam Rouilly	FIBROCYSTIC BSE MODEL	1	
59	Adam Rouilly	DIFFERENT SIZE BSE MODELS	1	
60	Adam Rouilly	AXILLARY LYMPH NODE MODEL	1	
61	Adam Rouilly	BREAST SELF-EXAMINATION TRAINING MODEL	1	
62	Adam Rouilly	BREAST CANCER TRAINING MODEL	1	
63	Adam Rouilly	EXAMINATION AND DIAGNOSTIC BREAST TRAINER	1	
64	Adam Rouilly	STRAP-ON BREASTS	1	
65	Adam Rouilly	BREAST MODEL WITH TRANSLUCENT BASE	1	
66	Adam Rouilly	CERVICAL DILATATION/EFFACEMENT SIMULATORS	1	
67	Adam Rouilly	EAR DIAGNOSTIC TRAINER	1	
68	Adam Rouilly	MALE BREAST CANCER AWARENESS MODEL	1	
69	Adam Rouilly	EYE RETINOPATHY TRAINER	1	
70	Adam Rouilly	GYNAECOLOGY TRAINING MODEL	1	
71	Adam Rouilly	CLINICAL FEMALE PELVIC TRAINER MK 3	1	
72	Adam Rouilly	GYN - TRAINER	1	
73	Adam Rouilly	EVA GYNAECOLOGICAL MANIKIN	1	
74	Adam Rouilly	BRADFORD PELVIC FLOOR ASSESSMENT MODEL	1	
75	Adam Rouilly	CLINICAL MALE PELVIC TRAINER	1	
76	Adam Rouilly	RECTAL EXAMINATION MODE	1	
77	Adam Rouilly	UROLOGICAL PRACTICE TRAINER	1	

78	Adam Rouilly	RECTAL EXAMINATION TRAINER	1	
79	Adam Rouilly	PROSTATE EXAMINATION SIMULATOR	1	
80	Adam Rouilly	DIAGNOSTIC FACE WITH LESIONS	1	
81	Adam Rouilly	TESTICLE SELF EXAMINATION TRAINER	1	
82	3B Scientific	Enema Administration Simulator	1	
83	cardionics	The Arterial Pulse Training System	1	
84	koken	Virtual reality vaginal exam model	1	
85	koken	physical assessment trainer	1	
86	KYOTO KAGAKU CO.LTD	CVC Insertion Simulator II	2	
87	KYOTO KAGAKU CO.LTD	Arterial Puncture Wrist	2	
88	KYOTO KAGAKU CO.LTD	Lumbar Puncture Simulator II	2	
89	KYOTO KAGAKU CO.LTD	Simulator Intravenous Arm IIa	2	
90	KYOTO KAGAKU CO.LTD	Strap-on Venipuncture Trainer	2	
91	KYOTO KAGAKU CO.LTD	Intradermal Injection Training Simulator	2	
92	Laerdal	Newborn Nita	2	
93	Laerdal	Virtual I.V.	2	concurrent [1; 153]
94	Laerdal	Virtual Phlebotomy	2	
95	Laerdal	Vascular Access - Chester Chest™	2	
96	Laerdal	Vascular Access - Peter PICC Line™	2	
97	Laerdal	Femoral Access Trainer	2	
98	Laerdal	Multi-Venous IV Training Arms	2	
99	Laerdal	Pediatric Multi-Venous IV Training Arm Kit	2	
100	Laerdal	Arterial Arm Stick Kit	2	
101	Laerdal	IM Hip Task Trainer	2	
102	Laerdal	Laerdal® IV Torso	2	
103	Laerdal	Infant IV Leg	2	
104	Laerdal	Standard IV Hand Trainer	2	
105	Laerdal	Deluxe IV Elbow	2	
106	Laerdal	Infant IO Leg	2	
107	Laerdal	Baby Ivy	2	
108	Laerdal	Baby Stap	2	

109	Laerdal	Baby Arti	2	
110	simulab	CentraLineMan System	2	concurrent [151]
111	simulab	FemoraLineMan System	2	
112	simulab	Arthrocentesis Model	2	
113	Shanghai Honglian Medical Instrument Development Co., Ltd.	Advanced Intramuscular Injection Training Model(medical manikin)	2	
114	Shanghai Honglian Medical Instrument Development Co., Ltd.	Child IV Training Arm(nursing model)	2	
115	Shanghai Honglian Medical Instrument Development Co., Ltd.	Buttocks Intramuscular Injection Simulator(nursing model,medical model)	2	
116	Shanghai Honglian Medical Instrument Development Co., Ltd.	Infant Cephalic Venipuncture Model(medical model,nursing model)	2	
117	Shanghai Honglian Medical Instrument Development Co., Ltd.	Advanced Pediatric Head(nursing model,medical model)	2	
118	Shanghai Honglian Medical Instrument Development Co., Ltd.	Multi-functional IV Training Arm(nursing model)	2	
119	Shanghai Honglian Medical Instrument Development Co., Ltd.	Hand and Elbow Combined Intravenous Transfusion Training Model(medical model,nursing model)	2	
120	Shanghai Honglian Medical Instrument Development Co., Ltd.	Intramuscular Injection Training Pad(nursing model,medical model)	2	
121	Shanghai Honglian Medical Instrument Development Co., Ltd.	IV Training Hand(nursing model)	2	
122	Shanghai Honglian Medical Instrument Development Co., Ltd.	Upper-arm Intramuscular Injection Simulator with Alarming System(nursing model,medical model)	2	
123	Shanghai Honglian Medical Instrument Development Co., Ltd.	Intramuscular Injection Training Pad Model	2	
124	Limbs & things	Advanced Venipuncture Arm	2	
125	Limbs & things	Simulator Intravenous Arm II	2	
126	Limbs & things	ACF Pad - Venipuncture	2	
127	Limbs & things	Extended ACF Pad - Venipuncture	2	
128	Limbs & things	Cutdown Pad	2	
129	Limbs & things	Arterial Puncture Wrist	2	
130	Limbs & things	Chester Chest™	2	

131	Limbs & things	TPN/IVH Care Simulator	2	
132	Limbs & things	Ultrasound Central Venous Catheter Insertion Simulator Mk 2	2	
133	Limbs & things	IV Torso	2	
134	Limbs & things	Femoral Access Trainer	2	
135	simulab	Lumbar Puncture & Epidural Simulator Mk 2	2	concurrent [40; 41]
136	Limbs & things	Ultrasound Vascular Access Trainer	2	
137	Limbs & things	Injection Trainer	2	
138	Limbs & things	Hand & Wrist for Joint Injection	2	
139	Limbs & things	Knee for Aspiration Mk 2	2	
140	Limbs & things	Elbow for Joint Injection	2	
141	Limbs & things	Shoulder for Joint Injection	2	
142	Limbs & things	Foot & Ankle for Joint Injection	2	
143	Limbs & things	Intraosseous Trainer	2	
144	Limbs & things	Huddersfield Foot & Ankle for Nerve Block	2	
145	Limbs & things	Percutaneous Nephrolithotomy Trainer	2	
146	Adam Rouilly	Cricothyrotomy simulator with four overlay skins	2	
147	Adam Rouilly	Cutdown Pad	2	
148	Adam Rouilly	Child intraosseous infusion/femoral acces leg	2	
149	Adam Rouilly	Tension pneumothorax model	2	
150	Adam Rouilly	Arterial puncture arm simulator	2	
151	Adam Rouilly	Injection training arm for CPARLENE™	2	
152	Adam Rouilly	VENEPUNCTURE, CANNULATION & INFUSION ARM	2	
153	Adam Rouilly	ADVANCED INJECTION ARM	2	
154	Adam Rouilly	INJECTABLE TRAINING ARM	2	
155	Adam Rouilly	INJECTION ARM	2	
156	Adam Rouilly	IV DEMONSTRATION ARM	2	
157	Adam Rouilly	ADVANCED IV HAND	2	
158	Adam Rouilly	VENATECH IV TRAINER	2	
159	Adam Rouilly	TWO/FOUR VEIN VENEPUNCTURE TRAINING AID	2	
160	Adam Rouilly	ADVANCED VENEPUNCTURE	2	

		TRAINING AID		
161	Adam Rouilly	ACF PAD - VENEPUNCTURE	2	
162	Adam Rouilly	THREE VEIN PAD - VENEPUNCTURE	2	
163	Adam Rouilly	EXTENDED ACF PAD - VENEPUNCTURE	2	
164	Adam Rouilly	INTRADERMAL INJECTION SIMULATOR	2	
165	Adam Rouilly	INJECTION TRAINER	2	
166	Adam Rouilly	PAEDIATRIC INJECTION ARM SIMULATOR	2	
167	Adam Rouilly	IV LEG	2	
168	Adam Rouilly	IV ARM	2	
169	Adam Rouilly	GERIATRIC IV TRAINING ARM	2	
170	Adam Rouilly	CHESTER CHEST MODEL WITH ADVANCED ARM	2	
171	Adam Rouilly	CHESTER CHEST MODEL WITH ADVANCED ARM AND PERIPHERAL PORT	2	
172	Adam Rouilly	CENTRAL VENOUS PUNCTURE TRAINER	2	
173	Adam Rouilly	CENTRAL VENOUS CANNULATION SIMULATOR	2	
174	Adam Rouilly	ARIN APRON MODEL WITH CASE	2	
175	Adam Rouilly	PORT - BODY IN A BOX	2	
176	Adam Rouilly	PAIN RELIEF MANIKIN	2	
177	Adam Rouilly	SPINAL INJECTION SIMULATOR	2	
178	Adam Rouilly	LUMBAR EPIDURAL INJECTION TRAINER	2	
179	Adam Rouilly	HAEMODIALYSIS PRACTICE ARM	2	
180	Adam Rouilly	DORSOGLUTEAL INTRAMUSCULAR INJECTION MODEL	2	
181	Adam Rouilly	VENTROGLUTEAL INTRAMUSCULAR INJECTION MODEL	2	
182	Adam Rouilly	INTRAMUSCULAR INJECTION SIMULATOR	2	
183	Adam Rouilly	SHOULDER FOR JOINT INJECTION	2	
184	Adam Rouilly	ELBOW FOR JOINT INJECTION	2	
185	Adam Rouilly	HAND AND WRIST FOR JOINT INJECTION	2	
186	Adam Rouilly	FOOT AND ANKLE FOR JOINT INJECTION	2	

187	Adam Rouilly	KNEE FOR ASPIRATION MK 2	2	
188	Adam Rouilly	FOOT AND ANKLE FOR NERVE BLOCK	2	
189	Adam Rouilly	NITA NEWBORN	2	
190	Adam Rouilly	PAEDIATRIC INJECTION HEAD SIMULATOR	2	
191	Adam Rouilly	PETER PICC LINE MODEL WITH CASE	2	
192	nasco	LP simulator	2	
193	simulaids	Geriatric IV Arm	2	
194	koken	Gluteal intramuscular injection model	2	
195	koken	multipurpose injection training arm	2	
196	koken	Injection and blood sampling practice model	2	
197	ambu	Ambu® I.V. Trainer	2	
198	Laerdal	Neonatal Resuscitation Baby	3	
199	Laerdal	First Aid Training Manikin	3	
200	Laerdal	Crash Kelly	3	
201	Laerdal	Ultimate Hurt	3	
202	Laerdal	Pneumothorax Trainer	3	
203	Laerdal	AT Kelly Torso	3	
204	Laerdal	12-Lead Task Trainer	3	
205	Laerdal	Cricoid Stick Trainer	3	
206	Laerdal	Choking Charlie	3	
207	Laerdal	Mr. Hurt Head Trauma Trainer	3	
208	Shanghai Honglian Medical Instrument Development Co., Ltd.	Advanced Nursing Manikin(cpr medical manikin ,educational equipment)	3	
209	Shanghai Honglian Medical Instrument Development Co., Ltd.	Adult Tracheotomy Care Model(medical model)	3	
210	Shanghai Honglian Medical Instrument Development Co., Ltd.	Advanced Full Functional Five-year-old Child Nursing and CPR Manikin(medical model)	3	
211	Shanghai Honglian Medical Instrument Development Co., Ltd.	Advanced CPR,AED and Trauma Care Training Manikin(medical model)	3	
212	Shanghai Honglian Medical Instrument Development Co., Ltd.	Advanced, Comprehensive emergency skills training system(medical model,cpr human)	3	
213	Shanghai Honglian Medical Instrument Development Co., Ltd.	Multi-functional Airway Management Model(medical model)	3	

214	Shanghai Honglian Medical Instrument Development Co., Ltd.	Advanced CPR,AED and Trauma Care Training Manikin(medical model)	3	
215	Shanghai Honglian Medical Instrument Development Co., Ltd.	Half-length CPR Training Manikin(medical model)	3	
216	Shanghai Honglian Medical Instrument Development Co., Ltd.	Advanced CPR Training Manikin(medical model)	3	
217	Shanghai Honglian Medical Instrument Development Co., Ltd.	Comprehensive Emergency Skills Training Manikin(medical model)	3	
218	Shanghai Honglian Medical Instrument Development Co., Ltd.	Tracheostomy Simulator(medical model)	3	
219	Shanghai Honglian Medical Instrument Development Co., Ltd.	Infant Tracheal Intubation Model(airway model)	3	
220	Shanghai Honglian Medical Instrument Development Co., Ltd.	ACLS Training Manikin(medical model)	3	
221	Limbs & things	Truman Multi	3	
222	Limbs & things	Airway Suction Trainer 'Q'	3	
223	Limbs & things	Cricoid Stick Simulator	3	
224	Limbs & things	Pneumothorax Trainer	3	
225	Limbs & things	AirSimMulti	3	
226	Limbs & things	AirSim Bronchi	3	
227	Limbs & things	AirSim Advance Crico	3	
228	Limbs & things	AirSim Junior	3	
229	Limbs & things	ADVANCED AIRWAY LARRY ADULT TRAINER HEAD	3	
230	Limbs & things	CRITICAL AIRWAY MANAGEMENT TRAINER	3	
231	Limbs & things	CHILD AIRWAY MANAGEMENT TRAINER	3	
232	Limbs & things	INFANT AIRWAY MANAGEMENT TRAINER	3	
233	Limbs & things	CHEST TUBE MANIKIN	3	
234	Limbs & things	CRICOTHYROTOMY SIMULATOR	3	
235	Limbs & things	CRICOTRACHEOTOMY MODEL	3	
236	Limbs & things	COMPLETE ADULT CRISIS MANIKIN	3	
237	Limbs & things	DELUXE ADULT CRISIS MANIKIN, ECG SIMULATOR	3	
238	Limbs & things	ADULT CRISIS TORSO + ECG SIMULATOR	3	
239	Limbs & things	CHILD CRISIS MANIKIN	3	

240	Limbs & things	INFANT CRISIS MANIKIN	3	
241	Limbs & things	STAT MANIKIN	3	
242	Limbs & things	STAT BABY	3	
243	Limbs & things	ADULT ALS FULL BODY TRAINER	3	
244	Limbs & things	ADULT ALS TORSO TRAINER	3	
245	Limbs & things	ALS TRAUMA HEAD	3	
246	Limbs & things	TRUMAN MULTI FOR AIRWAY MANAGEMENT AND BASIC CPR	3	
247	Limbs & things	UNIVERSAL AED TRAINER	3	
248	Limbs & things	DEFIBRILLATION CPR TRAINING MANIKIN	3	
249	Limbs & things	ADVANCED AIRWAY LARRY ADULT TRAINER HEAD	3	
250	Limbs & things	CRITICAL AIRWAY MANAGEMENT TRAINER	3	
251	Limbs & things	AIRSIM BRONCHI MODEL	3	
252	Limbs & things	AIRSIM ADVANCE MODEL	3	
253	Limbs & things	ADULT INTUBATION TRAINER	3	
254	Limbs & things	ENDOTRACHEAL INTUBATION	3	
255	Limbs & things	CHILD AIRWAY MANAGEMENT TRAINER	3	
256	Limbs & things	BRONCHO JUNIOR	3	
257	Limbs & things	INFANT AIRWAY MANAGEMENT TRAINER	3	
258	Limbs & things	INTUBATION PHANTOM OF NEW-BORN BABY	3	
259	Limbs & things	ADVANCED INFANT INTUBATION TRAINER	3	
260	Limbs & things	INTUBATION BABY MODEL	3	
261	Limbs & things	RESUSCITATION MODEL OF NEW-BORN BABY	3	
262	Limbs & things	AIRSIM JUNIOR PAEDIATRIC AIRWAY MODEL	3	
263	Limbs & things	ADULT CHOKING MANIKIN	3	
264	Limbs & things	ADOLESCENT CHOKING MANIKIN	3	
265	Limbs & things	CHILD CHOKING MANIKIN	3	
266	Limbs & things	BRAD/PAUL CPR TRAINING MANIKIN	3	
267	Limbs & things	JAW THRUST BRAD	3	
268	Limbs & things	ADAM/DAVID CPR ADULT	3	
269	Limbs & things	ADAM/DAVID CPR ADULT	3	

		WITH ELECTRONICS		
270	Limbs & things	BLS TRAINER	3	
271	Limbs & things	OBESE CPR MANIKIN	3	
272	Limbs & things	FULL BODIED CPR/TRAUMA MANIKIN	3	
273	Limbs & things	CPARLENE BASIC TORSO	3	
274	Limbs & things	CPARLENE TORSO ELECTRONIC WITH LIGHT CONTROLLER	3	
275	Limbs & things	CPARLENE MANIKIN, ELECTRONIC	3	
276	Limbs & things	CPARLENE™ MANIKIN WITH ELECTRONIC MONITOR, MEMORY AND PRINTER UNIT	3	
277	Limbs & things	BRAD JR 7 YEAR OLD CHILD WITH CARRYING BAG	3	
278	Limbs & things	TIMMY 3 YEAR OLD CPR MANIKIN	3	
279	Limbs & things	TIMMY 3 YEAR OLD CPR MANIKIN, WHITE, WITH ELECTRONIC CONSOLE BOX	3	
280	Limbs & things	KYLE 3 YEAR OLD CHILD CPR MANIKIN	3	
281	Limbs & things	BILLY 9 MONTH CPR MANIKIN	3	
282	Limbs & things	BILLY 9 MONTH CPR MANIKIN, WHITE, WITH ELECTRONIC CONSOLE BOX	3	
283	Limbs & things	KEVIN 6-9 MONTH OLD INFANT CPR MANIKIN	3	
284	Limbs & things	CATHY/BONNIE NEWBORN CPR MANIKIN	3	
285	Limbs & things	CATHY/BONNIE NEWBORN CPR MANIKIN, WITH ELECTRONIC CONSOLE BOX	3	
286	Limbs & things	KIM NEW-BORN CPR MANIKIN	3	
287	Limbs & things	PREEMIE INFANT CPR MANIKIN	3	
288	Limbs & things	BASIC BUDDY	3	
289	Limbs & things	BABY BUDDY	3	
290	Limbs & things	CPR PROMPT ADULT/CHILD SINGLE MANIKIN	3	
291	Limbs & things	CPR PROMPT INFANT SINGLE MANIKIN	3	
292	Limbs & things	COMPLETE ADULT CRISIS	3	

		MANIKIN		
293	Limbs & things	DELUXE ADULT CRISIS MANIKIN + ECG SIMULATOR	3	
294	Limbs & things	DELUXE ADULT CRISIS MANIKIN, ECG SIMULATOR + MONITOR, MEMORY, PRINTER UNIT	3	
295	Limbs & things	ADULT CRISIS AUSCULTATION MANIKIN	3	
296	Limbs & things	DELUXE PLUS ADULT CRISIS AUSCULTATION MANIKIN	3	
297	Limbs & things	NG TUBE AND TRACHEOSTOMY SKILLS SIMULATOR	3	
298	Limbs & things	PATIENT EDUCATION TRACHEOSTOMY CARE SET	3	
299	Limbs & things	Tracheotomy Care Simulator	3	
300	3B Scientific	Patient Care and BLS Manikin	3	
301	3B Scientific	TRACHEOSTOMY CARE SIMULATOR	3	
302	3B Scientific	Code Blue® I - Multipurpose CPR and Patient Care Simulator intubatable airways	3	
303	3B Scientific	Life/form® NG Tube & Trach Skills Simulator	3	
304	CAE	CAE Caesar™	3	
305	trucorp	airsim	3	
306	trucorp	truman	3	
307	koken	Thoracic trauma trainer	3	
308	koken	Advanced life support simulator	3	
309	koken	Koken airway management model	3	
310	koken	Koken Endotracheal intubation training model	3	
311	koken	Neonatal resuscitation Model	3	
312	koken	Airway Management Trainer	3	
313	ambu	Ambu® Cardiac Care Trainer System	3	
314	Gaumard	PEDI® Blue Neonatal Simulator with SmartSkin™ Technology	3	concurrent [152]
315	KYOTO KAGAKU CO.LTD	Suture Evaluation Simulator	4	

316	Simbionix	GI Mentor	4	predictive [68-78; 156]
317	Simbionix	URO Mentor	4	Predictive [53; 57-60; 79-82]
318	Simbionix	PERC Mentor	4	predictive [83; 157]
319	Simbionix	Lap Mentor	4	Predictive [54; 84-88]
320	Simbionix	Angio Mentor	4	
321	Simbionix	VirtaMed Hystsim/TURPSim	4	
322	Simbionix	GI BRONCH Mentor	4	
323	Laerdal	Patient Kelly	4	
324	Laerdal	Convalescent Kelly	4	
325	Laerdal	NG Tube and Trach Care Trainer	4	
326	Laerdal	Baby Umbi	4	
327	Laerdal	Interchangeable Catheterization and Enema Task Trainer	4	
328	Laerdal	In-Service Home Care Training Simulator	4	
329	simulab	Hernia Model	4	
330	simulab	Pediatric Pyeloplasty Model	4	
331	simulab	Lipoma Pad	4	
332	simulab	Sebaceous Cyst Pad	4	
333	simulab	TraumaMan System	4	Concurrent [89;158]
334	simulab	TraumaChild System	4	
335	simulab	Folding Suture Trainer	4	
336	simulab	LapTrainer with SimuVision	4	Concurrent [90; 91]
337	simulab	Pop-Up Trainer	4	
338	simulab	Tower trainer	4	concurrent [92; 152]
339	simulab	Subcuticular Suturing Model	4	
340	simulab	Tissue model	4	
341	simulab	Episiotomy Trainer		
342	Shanghai Honglian Medical Instrument Development Co., Ltd.	Transparent Female Urethral Catheterization Simulator(medical model)	4	
343	Shanghai Honglian Medical Instrument Development Co., Ltd.	Advanced Female Urethral Catheterization Simulator(nursing model,medical model)	4	
344	Shanghai Honglian Medical Instrument Development Co., Ltd.	Transparent Male Urethral Catheterization Simulator(medical model)	4	

345	Shanghai Honglian Medical Instrument Development Co., Ltd.	Advanced Wearable Female Urethral Catheterization Simulator(medical model)	4	
346	Limbs & things	Advanced Catheterization Trainer	4	
347	Limbs & things	BSS Trainer	4	
348	Limbs & things	BSS Tendon Repair Trainer	4	
349	Limbs & things	Knot Tying Trainer	4	
350	Limbs & things	Wound Closure Pad	4	
351	Limbs & things	Sebaceous Cyst Pad	4	
352	Limbs & things	Lipoma Pad	4	
353	Limbs & things	Curettage, Snip & Shave Excision Pad	4	
354	Limbs & things	Colonoscopy Training Model	4	
355	Limbs & things	Open Inguinal Hernia Repair Trainer	4	
356	Limbs & things	Surgical Female Pelvic Trainer for Laparoscopic Procedures	4	
357	Limbs & things	Surgical Female Pelvic Trainer for Open Procedures	4	
358	Limbs & things	Hysteroscopic Resection Trainer	4	
359	Limbs & things	Hysteroscopic Diagnostic Trainer	4	
360	Limbs & things	Episiotomy Trainer	4	
361	Limbs & things	Sultan Anal Sphincter Trainer	4	
362	Limbs & things	Keele & Staffs Episiotomy Repair Trainer	4	
363	Limbs & things	Female Genital Mutilation Deinfibulation Trainer	4	
364	Limbs & things	Uro-Scopic Trainer	4	content [53]
365	Limbs & things	Saphenous Vein Harvesting Trainer	4	
366	Limbs & things	Sapheno Femoral Junction Ligation Technique Trainer	4	
367	Limbs & things	Arterial Procedures Kit	4	
368	Limbs & things	Femoro-Peroneal Anastomosis Trainer	4	
369	mentice	VIST™ System	4	Construct [142-149]
370	mentice	VIST-C™	4	
371	mentice	MIST™	4	Predictive [93-107; 157]
372	mentice	Xitact™ IHP	4	Construct [63;

				108-110]
373	mentice	Xitact™ ITP - Instrument tracking port	4	
374	mentice	INFANT INTRAOSSEOUS INFUSION SIMULATOR	4	
375	Adam Rouilly	SCOPIN II (BRONCHO BOY) TRAINER	4	
376	Adam Rouilly	ARTHROSCOPY KNEE	4	
377	Adam Rouilly	ARTHROSCOPY MODEL OF THE SHOULDER	4	
378	Adam Rouilly	BRONCHOSCOPY TRAINING MODEL	4	
379	Adam Rouilly	URETHRAL CATHETERISATION MODEL	4	
380	Adam Rouilly	ADVANCED FEMALE CATHETERISATION TRAINER	4	
381	Adam Rouilly	FEMALE CATHETERISATION SIMULATOR	4	
382	Adam Rouilly	FEMALE CATHETERISATION AND RECTAL INJECTION MODEL	4	
383	Adam Rouilly	INFANT MALE AND FEMALE CATHETERISATION MODEL	4	
384	Adam Rouilly	MALE CATHETERISATION MODEL	4	
385	Adam Rouilly	ADVANCED MALE CATHETERISATION TRAINER	4	
386	Adam Rouilly	MALE CATHETERISATION SIMULATOR	4	
387	Adam Rouilly	MALE/FEMALE CATHETERISATION TRAINER	4	
388	Adam Rouilly	CHEST DRAIN SIMULATOR	4	
389	Adam Rouilly	OGI PHANTOM	4	
390	Adam Rouilly	UROLOGICAL EXAMINATION PHANTOM	4	
391	Adam Rouilly	BLADDER PHANTOM	4	
392	Adam Rouilly	BLADDER PHANTOM FOR ENDOSCOPY	4	
393	Adam Rouilly	EPISIOTOMY SUTURING SIMULATORS	4	
394	Adam Rouilly	EPISIOTOMY TRAINER	4	
395	Adam Rouilly	KEELE AND STAFFS EPISIOTOMY REPAIR TRAINER	4	

396	Adam Rouilly	EPISIOTOMY SUTURING TRAINER	4	
397	Adam Rouilly	NASOGASTRIC FEEDING - THE HUNGRY MANIKIN	4	
398	Adam Rouilly	LapX Virtual Reality Laparoscopy Simulator	4	
399	Adam Rouilly	PERITONEAL DIALYSIS SIMULATOR	4	
400	Adam Rouilly	RHINOPLASTY MODEL	4	
401	Adam Rouilly	SUTURE PRACTICE LEG	4	
402	Adam Rouilly	SUTURE PRACTICE ARM	4	
403	Adam Rouilly	WOUND CLOSURE PAD	4	
404	Adam Rouilly	PROFESSIONAL SKIN PAD MK2	4	
405	Adam Rouilly	CURETTAGE, SNIP AND SHAVE EXCISION PAD	4	
406	Adam Rouilly	LOCAL ANAESTHESIA MINOR SURGERY	4	
407	Adam Rouilly	SUCTION TRAINING MODEL TYPE II	4	
408	Adam Rouilly	SUPRAPUBIC TRAINING MODEL	4	
409	virtamed	HystSim	4	Construct [111; 112]
410	virtamed	Turpsim	4	
411	immersion	LapSim	4	
412	simsurgery	SEP	4	Predictive [76; 113-116]
413	gaumard	ZOE® Gynecologic Simulator	4	Concurrent [152]
414	gmv	insightarthrovr	4	concurrent [15; 36; 117]
415	real sim systems	LTS	4	Content [118-120]
416	real sim systems	LTB	4	
417	mimics	dv- trainer	4	Construct [55; 121-123]
418	3-Dmed	Single site training system	4	
419	CAE	CAE LaparoscopyVR	4	Construct [124; 125]
420	CAE	CAE EndoscopyVR	4	Predictive [126-128]
421	CAE	CathLabVR simulator	4	
422	CAE	CAE ProMIS simulator	4	concurrent [103; 129-138]
423	simuluids	Male & Female Catheterization Trainers	4	
424	surgical science	Lap sim	4	
425	simendo	Simendo arthroscopy	4	
426	simendo	Simendo laparoscopy	4	predictive

				[36; 44;141]
427	3B Scientific	Sigmoidoscopic Examination Simulator	4	
428	koken	Male catheter model	4	
429	koken	Urethral catheterization model	4	
430	koken	Female catheterization and rectal injection Model	4	
431	koken	Bronchoscopy training model	4	
432	koken	Endoscopic submucosal dissection training model	4	
433	koken	openskin:skin for surgical training	4	