



XR-Clinic

Virtual reality  
medical training solution



Multiplatform based solution

# XR-Clinic

Medical clinic simulator based on virtual reality technology. Designed to train and assess the skills of medical staff and students, without risk to patients, in a realistic simulation environment, with a comprehensive automated assessment system based on local guidelines



## Efficiency

Maximum immersion in the simulation environment to improve practical skills



## Interactivity

High involvement in the learning process increases the effectiveness of mastering new skills



## Economy

High throughput and simulation of any clinical situations in virtual reality



## Repetition

Improving and honing skills



## Outpatient appointment

Development of clinical reasoning to determine the diagnosis and treatment plan through interaction with the patient using medical instruments and laboratory tests.



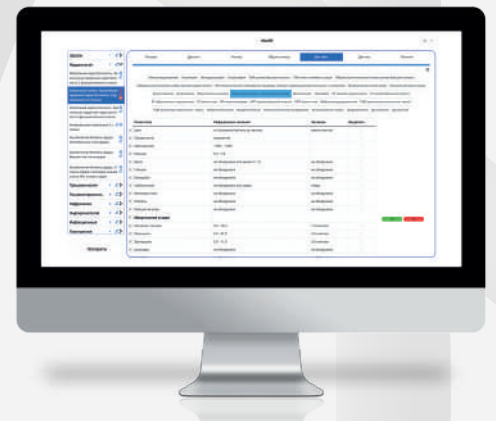
## Virtual patient

A realistic patient model is capable of communicating, answering questions, making complaints, responding to learner interactions and interventions. Age, gender and racial variations of patients expand the possibilities to model scenarios and features of pathologies.



## Case manager

A feature-rich and intuitive case editor for creating or customizing scenarios for the individual needs of a healthcare facility.



## Library of medical drugs

A wide database of medicines, with the possibility of changing and expanding them to adapt to the needs of a medical institution.

## Laboratory and instrumental research

Develop clinical reasoning to determine the diagnosis, treatment plan, interact with the patient using medical instruments and laboratory research.



## Multiplatform

A simulation complex adapted to the most popular platforms for maximum convenience, control and mastering of educational material.



### XR-Clinic mobile

Portable version



### XR-Clinic Desktop

PC version



## Integrated solutions for the educational process



A group training of medical personnel and students on XR-Clinic Mobile with a demonstration of a virtual patient's acceptance by a trainer



A mass training of medical personnel and students at XR Clinic Mobile and XR Clinic Desktop with subsequent automated evaluation of the studied material.

# Smart Center

A platform for complex administration, control and management of the educational process with reports and videos generation, launch and monitor sessions. The system provides extensive statistical data of the user's educational process.



## Real-time session monitoring

Centralized access system  
to each simulator

## Complete set of statistics

Summary data for each student,  
videos, assessment and outcome analysis



# Advantages

>200

More than 200 clinical scenarios for the most common diseases



Simulation environments: outpatient appointment, intensive care, biosafety

AI

Automated OSCE exam with AI-based objective assessment



Continuing Professional Development (CPD)



Development of professional skills without risk to a patient



Physician biosafety skills during a pandemic, working with PPE



More than 3 times savings in educational space of a medical institution



Mass training of medical personnel



User-friendly case editor to adapt and create new scenarios for the individual needs of a medical institution



Fast adaptation of scenarios according to the recommendations of the WHO and the Ministry of Health





Exclusive distributor

## Key features / USPs

- ✦ Low price
- ✦ Life time license for VR simulator set
- ✦ Desktop version license valid for 4 years
- ✦ Industry leading graphics
- ✦ Over 200 cases are available in the library
- ✦ Unique feature of teleportation inside the VR section
- ✦ Multiple languages: English, Spanish, Arabic, Turkish, Portuguese, German and more to come
- ✦ Fastest setup time/load and response
- ✦ Minimum space needed for product use under 4 sqft
- ✦ "Case manager" for editing and creating your own cases
- ✦ "Smart center" with a "Spectator" feature for managing and tracking the training process



#	Group	Case name
1		Healthy
2	Cardiology	Chronic rheumatic heart disease. Mitral stenosis, moderate. Congestive heart failure, class II
3	Cardiology	Mitral regurgitation. Congestive heart failure, class II
4	Cardiology	Aortic stenosis. Congestive heart failure, class II
5	Cardiology	Aortic insufficiency. Congestive heart failure, class II
6	Cardiology	Stage 2 hypertension
7	Cardiology	Coronary heart disease. Unstable angina
8	Cardiology	Coronary heart disease. Acute anteroseptal-apical myocardial infarction
9	Cardiology	Coronary heart disease. Acute posterior wall myocardial infarction
10	Cardiology	Chronic rheumatic heart disease. Mitral stenosis, severe degree. Chronic heart failure, class II
11	Cardiology	Mitral insufficiency. Chronic heart failure, class II
12	Cardiology	Grade 2 aortic stenosis. Arterial hypertension, 1st degree Chronic heart failure, class II
13	Cardiology	Aortic insufficiency. Arterial hypertension, grade 2 Chronic heart failure, class II
14	Cardiology	Hypertension, stage 2, arterial hypertension, stage 2, RCCS, stage 2
15	Cardiology	Hypertension, stage 2, arterial hypertension, stage 2, RCCS 3
16	Cardiology	Coronary heart disease. Variant angina pectoris
17	Cardiology	Coronary heart disease. Stenosis angina, class II
18	Cardiology	Coronary heart disease. Stenosis angina, class II. Hypertension, stage 2, high RCCS. Type 2 diabetes mellitus, compensation
19	Cardiology	Coronary heart disease. Acute myocardial infarction of lower LV wall, acute, stage
20	Cardiology	Coronary heart disease. Acute coronary syndrome
21	Cardiology	Coronary heart disease. Atrial fibrillation, paroxysmal form. Type 2 diabetes mellitus, compensation
22	Cardiology	Atrial paroxysmal tachycardia
23	Cardiology	Coronary heart disease, ventricular extrasystole
24	Cardiology	Coronary heart disease. Unstable angina pectoris (2)
25	Cardiology	Secondary hypertension, renal artery stenosis
26	Cardiology	Secondary hypertension, pheochromocytoma
27	Cardiology	Hypertrophic cardiomyopathy
28	Cardiology	Sinus node dysfunction
29	Cardiology	Bacterial endocarditis
30	Cardiology	dilated cardiomyopathy
31	Cardiology	Wolff-Parkinson-White (WPW) syndrome



32	Cardiology	Paroxysmal ventricular tachycardia
33	Cardiology	Acute pericarditis
34	Cardiology	obstructive sleep apnea
35	Cardiology	Coronary artery disease. Stable angina, class II, atypical presentation
36	Endocrinology	Thyrotoxicosis with diffuse goiter. Newly identified atrial fibrillation
37	Endocrinology	Type 2 diabetes mellitus, diabetic retinopathy
38	Endocrinology	Type 1 diabetes mellitus, ketoacidosis
39	Endocrinology	Type 2 diabetes mellitus, diabetic neuropathy
40	Endocrinology	Type 2 diabetes mellitus, diabetic retinopathy, diabetic nephropathy. Dyslipidemia
41	Endocrinology	Type 1 diabetes mellitus, ketoacidosis
42	Endocrinology	Autoimmune thyroiditis, manifest hypothyroidism. Dyslipidemia
43	Endocrinology	Autoimmune thyroiditis, manifest thyrotoxicosis
44	Endocrinology	Primary acquired adrenal insufficiency
45	Endocrinology	Cortisol-producing adenoma of the right adrenal gland, Icenko-Cushing syndrome (endogenous hypercorticism). Stage 1 arterial hypertension.
46	Endocrinology	Aldosterone-producing adenoma of the right adrenal gland, Conn's syndrome. Grade 2 arterial hypertension (Hyperaldosteronism)
47	Endocrinology	Acute gouty arthritis
48	Endocrinology	Pheochromocytoma of the right adrenal gland. Arterial hypertension of the 3rd degree.
49	Endocrinology	Primary hyperparathyroidism
50	Endocrinology	Toxic thyroid adenoma
51	Endocrinology	Secondary hyperparathyroidism
52	Endocrinology	Multiple endocrine neoplasia, type 1, insulinoma
53	Endocrinology	Insulinoma
54	Endocrinology	Osteoporosis
55	Endocrinology	Obstructive goiter
56	Gastroenterology	Duodenal ulcer, HP-associated
57	Gastroenterology	Gallstone disease, acute cholecystitis
58	Gastroenterology	Gastroesophageal reflux disease, erosive esophagitis, stage A
59	Gastroenterology	Gastroesophageal reflux disease, erosive esophagitis, stage B
60	Gastroenterology	Functional dyspepsia, postprandial distress syndrome
61	Gastroenterology	Chronic superficial gastritis, HP status negative
62	Gastroenterology	HP-associated atrophic gastritis

- 63 Gastroenterology Gastric ulcer, HP-associated
- 64 Gastroenterology Duodenal ulcer, non-HP-associated
- 65 Gastroenterology Biliary Oddi sphincter dysfunction, abnormal shape of gallbladder
- 66 Gastroenterology Stage 1 gallstone disease, abnormal shape of the gallbladder
- 67 Gastroenterology Chronic pancreatitis with external secretory insufficiency
- 68 Gastroenterology Nonalcoholic fatty liver disease, hepatic steatosis. Metabolic syndrome
- 69 Gastroenterology Primary biliary cholangitis
- 70 Gastroenterology Irritable bowel syndrome with diarrhea
- 71 Gastroenterology Irritable bowel syndrome with constipation
- 72 Gastroenterology Celiac disease, typical form
- 73 Gastroenterology Ulcerative colitis, left-sided lesion, acute course, mild attack
- 74 Gastroenterology Diverticular disease of the sigmoid colon, clinically pronounced diverticulosis
- 75 Gastroenterology Alcoholic liver cirrhosis, portal hypertension. Grade 2 ascites
- 76 Gastroenterology Hemochromatosis
- 77 Gastroenterology Esophageal achalasia
- 78 Gastroenterology Crohn disease
- 79 Gastroenterology Esophageal candidiasis
- 80 Gastroenterology Wilson's disease
- 81 Gastroenterology Radiation proctitis
- 82 Gastroenterology Antibiotic-associated diarrhea
- 83 Gastroenterology Mallory-Weiss syndrome
- 84 Gastroenterology Multiple hepatic cysts
- 85 Gastroenterology Echinococcosis
- 86 Gastroenterology Zollinger-Ellison syndrome
- 87 Gastroenterology Toxic hepatitis
- 88 Gastroenterology Gastroesophageal reflux disease, atypical presentation, cough.
- 89 Gastroenterology Gastroesophageal reflux disease, atypical presentation
- 90 Gastroenterology Hirschsprung disease
- 91 Gastroenterology Herpes simplex virus esophagitis
- 92 Hematology Chronic iron deficiency anemia, mild degree of severity. Ulcerative colitis, subtotal lesion, activity of, stage 2
- 93 Hematology Chronic iron deficiency anemia, mild degree of severity
- 94 Hematology B12-deficiency anemia of mild degree

95	Hematology	B12-deficiency anemia of mild degree. Chronic HP-associated gastritis
96	Hematology	Willebrand disease
97	Hematology	thrombotic thrombocytopenic purpura
98	Hematology	Acute leucosis
99	Hematology	Hereditary spherocytosis
100	Infectious diseases	Acute respiratory viral infection. Acute nasopharyngitis, acute bronchitis
101	Infectious diseases	Coronavirus infection caused by COVID-19 (confirmed), moderate form. Community-acquired bilateral lobar pneumonia, respiratory failure of the 1st degree. Type 2 diabetes mellitus
102	Infectious diseases	Moderate COVID-19 (confirmed). Community-acquired bilateral lobar pneumonia, respiratory failure of the 1st degree. Chronic bronchitis.
103	Infectious diseases	Acute bronchitis caused by the parainfluenza virus.
104	Infectious diseases	Coronavirus infection caused by COVID-19, virus not identified
105	Infectious diseases	Acute viral hepatitis A
106	Infectious diseases	Acute viral hepatitis B
107	Infectious diseases	Chronic viral hepatitis B
108	Infectious diseases	Chronic viral hepatitis C
109	Infectious diseases	Acute viral gastroenteritis
110	Infectious diseases	Acute complicated viral gastroenteritis
111	Infectious diseases	infection with Salmonella
112	Infectious diseases	Infection with Shigella
113	Infectious diseases	Amebiasis
114	Infectious diseases	Mononucleosis
115	Infectious diseases	HIV, acute retrovirus syndrome
116	Infectious diseases	HIV, pneumocystis pneumonia
117	Infectious diseases	Acute streptococcal tonsillitis
118	Nephrology	Chronic pyelonephritis, exacerbation. Urolithiasis
119	Nephrology	Acute cystitis
120	Nephrology	Type 2 diabetes mellitus. Diabetic nephropathy. Chronic kidney disease C3a A2
121	Nephrology	Stage II hypertension, grade 2 arterial hypertension, risk 3. Hypertensive nephrosclerosis. Chronic kidney disease C2 A1
122	Nephrology	Postinfectious glomerulonephritis. Nephritic syndrome
123	Nephrology	Focal segmental glomerulosclerosis. Nephrotic syndrome.

124	Nephrology	Urolithiasis, concrement of the left kidney without renal dysfunction. Chronic obstructive left-sided pyelonephritis, aggravation
125	Nephrology	Neurogenic bladder, mixed form. Diabetes mellitus, type 2.
126	Nephrology	Nonobstructive chronic pyelonephritis, right-sided
127	Nephrology	Acute bacterial cystitis 2
128	Nephrology	Urinary bladder stone
129	Nephrology	Benign prostatic hyperplasia
130	Nephrology	Acute bacterial prostatitis
131	Nephrology	Chronic bacterial prostatitis
132	Oncology	New neoplasm of the antral part of the stomach. Anemia of mild severity
133	Oncology	A neoplasm of the sigmoid colon. Anemia of mild severity
134	Oncology	A neoplasm of the right lobe of the liver
135	Oncology	A neoplasm of the upper lobe of the left lung
136	Oncology	Antibiotic-associated diarrhea
137	Oncology	Esophageal cancer
138	Oncology	Pancreatic cancer (tail of the pancreas)
139	Oncology	Colon cancer, chronic anemia
140	Oncology	Renal cancer, hematuria
141	Oncology	Bladder cancer
142	Oncology	Prostatic cancer
143	Oncology	Tumor of the right lobe of the liver
144	Oncology	Esophageal cancer, middle part
145	Oncology	Bronchial carcinoid
146	Oncology	Ovarian cancer, canceromatosis
147	Oncology	Ovarian cancer
148	Oncology	Sigmoid colon cancer
149	Oncology	Goiter
150	Oncology	Small cell lung cancer
151	Oncology	Cervical cancer
152	Pulmonology	Persistent bronchial asthma, moderate, exacerbation, uncontrolled
153	Pulmonology	Community-acquired segmental pneumonia, 7th segment of the left lung affected, mild to moderate symptoms. Respiratory failure grade 0

154	Pulmonology	Community-acquired pneumonia, the left upper lobe affected, severe symptoms, lung abscess. Respiratory failure grade 2. Non-specified coronavirus infection
155	Pulmonology	Bronchial asthma with predominant allergic component, persistent, mild severity, partially controlled
156	Pulmonology	Non-hospital not severe segmental pneumonia S8 of the right lung. Respiratory failure, stage 0
157	Pulmonology	Community-acquired pneumonia of the left lower lobe, severe course, left-sided exudative pleurisy. Respiratory insufficiency, stages 1 to 2
158	Pulmonology	Chronic obstructive pulmonary disease, bronchitic form, GOLD B, aggravation
159	Pulmonology	Chronic obstructive pulmonary disease, emphysematous form, GOLD D, aggravation
160	Pulmonology	Bronchiectatic disease, bronchiectasis in the lower lobes of both lungs, intermittent course, aggravation
161	Pulmonology	Spontaneous left-sided subtotal pneumothorax, stage 1 respiratory failure.
162	Pulmonology	Acute respiratory viral infection, Acute laryngotracheitis
163	Pulmonology	Sarcoidosis
164	Pulmonology	Aspergillosis
165	Pulmonology	Infiltrative lung tuberculosis
166	Pulmonology	Pulmonary embolism
167	Pulmonology	Disseminated lung tuberculosis
168	Rheumatology	Rheumatoid arthritis, advanced, stage, seropositive, ADCP-positive, erosive (R, stage III), class II
169	Rheumatology	Rheumatoid arthritis, early stage, seropositive, ADC-negative, non-erosive (radiological, stage 2), class II.
170	Rheumatology	Ankylosing spondylitis, bilateral sacroiliitis, class I
171	Rheumatology	Sjögren's syndrome with salivary and lacrimal gland involvement
172	Rheumatology	Idiopathic thrombocytopenic purpura
173	Rheumatology	Systemic lupus erythematosus, acute course, stage 2 activity, lupus dermatitis, polyarthritis; mild anemia.
174	Rheumatology	Vulgar psoriasis. Psoriatic arthritis, common form, polyarthritic variant, minimal activity.
175	Rheumatology	Reiter's disease (reactive arthritis), acute course
176	Rheumatology	Gout flare
177	Rheumatology	Systemic scleroderma
178	Rheumatology	Dermatomyositis
179	Rheumatology	Osteoarthritis
180	Rheumatology	SLE (systemic lupus erythematosus), lupus nephritis
181	Rheumatology	SLE (systemic lupus erythematosus) encephalitis

182	Rheumatology	Acute osteomyelitis
183	Surgery	Acute appendicitis, uncomplicated
184	Surgery	Urolithiasis, coral stone of the left kidney. Renal colic.
185	Surgery	Gallstone disease, acute calculous cholecystitis
186	Surgery	Acute oedematous pancreatitis
187	Surgery	Acute cholangitis
188	Surgery	External hemorrhoids complicated by thrombosis
189	Surgery	Duodenal ulcer with penetration
190	Surgery	Choledocholithiasis
191	Surgery	Gastric outlet obstruction
192	Surgery	Pancreatic tumor, jaundice
193	Surgery	Diverticular bleeding
194	Surgery	Simple diverticulitis
195	Surgery	Pancreatic pseudocyst
196	Surgery	Esophageal diverticulum
197	Surgery	Peritoneal adhesions
198	Surgery	Ascites due to cirrhosis
199	Surgery	paraesophageal hernia
200	Surgery	Lower extremity peripheral artery disease, claudication
201	Surgery	Deep vein thrombosis
202	Surgery	Lower extremity peripheral artery disease, limb-threatening ischemia
203	Surgery	Acute appendicitis, atypical presentation
204	Surgery	Appendicular abscess
205	Surgery	Internal haemorrhoids 2 degree, symptomatic
206	Surgery	Combined haemorrhoids 4 degree, symptomatic