

Be READY VR-Nursing Case Manager manual

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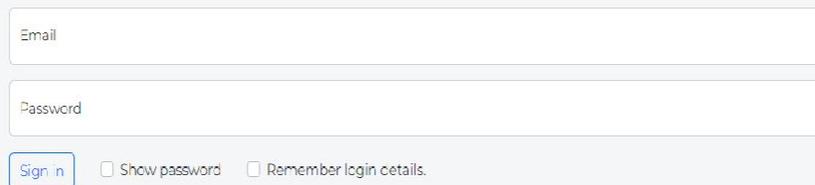
Getting started

Enter the Case Manager

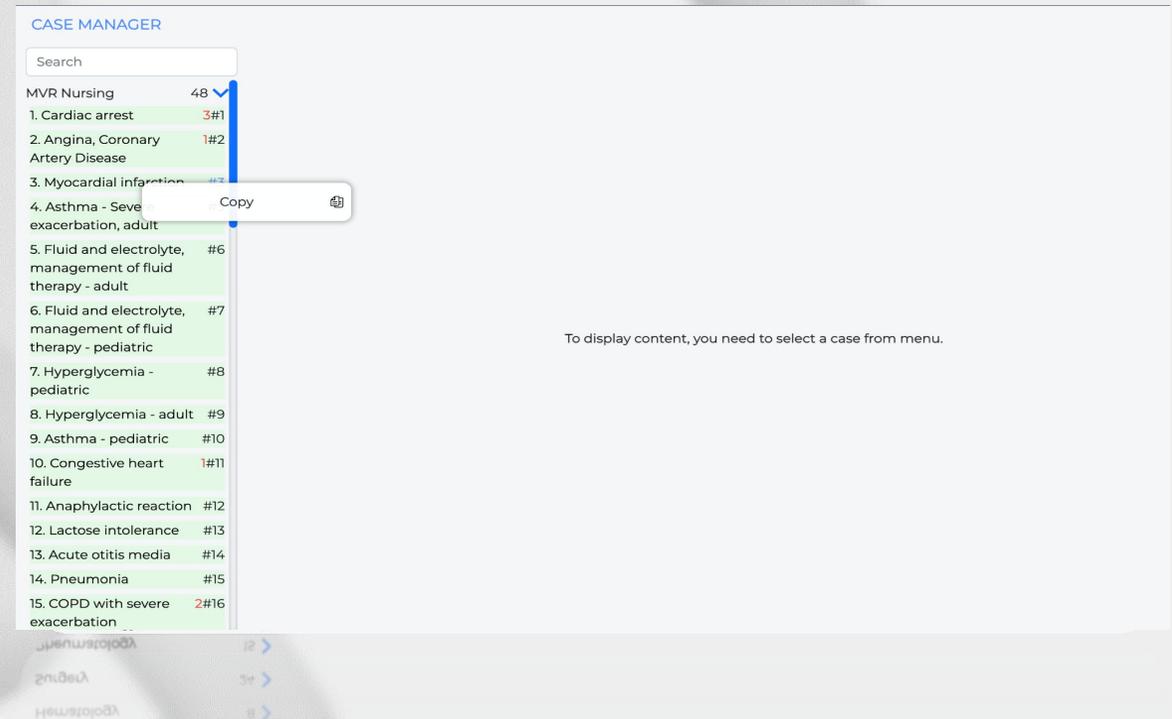
- Go to: <https://case-manager.pro/>
- Enter your login and password
- Click on “Sign in”

Copy the case

- Select the case you want to start with
- Click on it with right mouse button
- Choose “Copy”



The screenshot shows a login form with two input fields: 'Email' and 'Password'. Below the fields is a 'Sign in' button and two checkboxes: 'Show password' and 'Remember login details'.



The screenshot displays the 'CASE MANAGER' interface. It features a search bar at the top and a list of cases below. A context menu is open over the fourth case, 'Asthma - Severe exacerbation, adult', showing a 'Copy' option. The list of cases includes:

Case Name	Count
MVR Nursing	48
1. Cardiac arrest	3#1
2. Angina, Coronary Artery Disease	1#2
3. Myocardial infarction	#3
4. Asthma - Severe exacerbation, adult	#4
5. Fluid and electrolyte, management of fluid therapy - adult	#6
6. Fluid and electrolyte, management of fluid therapy - pediatric	#7
7. Hyperglycemia - pediatric	#8
8. Hyperglycemia - adult	#9
9. Asthma - pediatric	#10
10. Congestive heart failure	1#11
11. Anaphylactic reaction	#12
12. Lactose intolerance	#13
13. Acute otitis media	#14
14. Pneumonia	#15
15. COPD with severe exacerbation	2#16

To display content, you need to select a case from menu.

Create your case

Main data

- Choose the avatar of the patient
- Select age and occupation
- Adjust descriptions and score limits if needed

#520 Myocardial infarction 2 ✖ ↑

Main data | Flowchart | Patient's states | Dialogues | Investigations | Actions | Drugs ranges sets | Medication | Messages

Location:

Route:

Image: 

Student objectives:

Case Summary: Henry Smith, a 62-year-old male, who arrived at the emergency department with 08/10 chest pain after working out. He had noticed some chest and

Dialogues

- Customize any respond or history of disease entry
- Set the score for every response
- Use the voice generator to change the audio

#520 Myocardial infarction 2 ✖ ↑

Main data | Flowchart | Patient's states | Dialogues | Investigations | Actions | Drugs ranges sets | Medication | Messages

Nº	Who talks?	Gender	Line	Voice text	Audio	Question	Condition	Is order
1	Pati	M	Hello	Hello		Hello, Mr. Smith.	-1 Available initially	v
2	Pati	M	This chest pain is really sharp and intense, and I'm having trouble catching my breath. It is severe. I feel nauseous too	This chest pain is really sharp and intense, and I'm having trouble catching my breath. It is severe. I feel nauseous too		Can you describe what you are feeling?	-1 Available initially	v
3	Pati	M	Earlier, I had experienced some discomfort which usually resolved after taking a rest	Earlier, I had experienced some discomfort which usually resolved after taking a rest		Have you ever experienced chest pain like this before?	2	v
4	Pati	M	Yes, I also feel it in my left arm	Yes, I also feel it in my left arm		Does your pain move anywhere else?	2	v

Add

Create your case

Patient states

- Set patients statistics for each step of the case
- Set the score for every examination action
- Set the data you need in any block and it will appear in the case

520 Myocardial infarction 2 ✖ ↑

Main data Flowchart **Patient's states** Dialogues Investigations Actions Drugs ranges sets Medication Messages

	Nº	HR	CO2 (mm of Hg)	BP (mm of Hg)	SpO2, %	Glucose (mmol/L)	RR	Apex palpation	Urinary color	Temp	Peak flow	Pup
✕	1	110	-1	162 / 110	94	5.1	26	Apex beat located at the 5th intercostal space, midclavicular line	Yellow ▼	37.3	500	⊞
✕	2	112	-1	168 / 104	94	5.1	24	Apex beat located at the 5th intercostal space, midclavicular line	Yellow ▼	37.1	500	⊞
✕	3	94	-1	126 / 84	95	5.1	20	Apex beat located at the 5th intercostal space, midclavicular line	Yellow ▼	36.8	500	⊞
✕	4	134	-1	130 / 92	95	5.1	28	Apex beat located at the 5th intercostal space, midclavicular line	Yellow ▼	37.2	500	⊞
✕	5	98	-1	126 / 84	97	5.1	20	Apex beat located at the 5th intercostal space, midclavicular line	Yellow ▼	36.8	500	⊞
✕	6	0	0	-1 / -1	0	5.1	0	Apex beat is absent	Yellow ▼	36.1	500	⊞

+ Add

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Main data Flowchart **Patient's states** Dialogues Investigations Actions Drugs ranges sets Medication Messages

	SpO2 graph	CO2 graph	Special states	Special skin	Special breath	Pulse	Skin turgor	Speech	Unresponsive	JVP, cm H2O	"Cat purring" symptom	Capillary refill, s	Auscultation sounds	Nasogastric bag
⊞	12	-1	7,		3,	Yes ▼	Normal ▼	Normal ▼	<input type="checkbox"/>	10	No ▼	-1	Change	Empty ▼
⊞	12	-1	8,		1,	Yes ▼	Normal ▼	Normal ▼	<input type="checkbox"/>	8	No ▼	-1	Change	Empty ▼
⊞	12	-1				Yes ▼	Normal ▼	Normal ▼	<input type="checkbox"/>	8	No ▼	-1	Change	Empty ▼
⊞	12	-1				Yes ▼	Normal ▼	Normal ▼	<input type="checkbox"/>	7	No ▼	-1	Change	Empty ▼
⊞	12	-1				Yes ▼	Normal ▼	Normal ▼	<input type="checkbox"/>	7	No ▼	-1	Change	Empty ▼
⊞	0	0	5, 6,			No ▼	Normal ▼	Normal ▼	<input type="checkbox"/>	6	No ▼	-1	Change	Empty ▼

+ Add

Create your case

Voice generation

- Click on the “note” icon on the right top corner
- Click “Select all” and choose the appropriate accent
- Click “Save” and the text you entered in response fields will be voiced

520 Myocardial infarction 2 

Main data | Flowchart | Patient's states | **Dialogues** | Investigations | Actions | Drugs ranges sets | Medication | Messages

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Speech synthesis 

Server 1

Select all

Answers:

- # 1 Hello
- # 2 This chest pain is really sharp and intense, and I'm having trouble catching my breath. It is severe. I feel nauseous too
- # 3 Earlier, I had experienced some discomfort which usually resolved after taking a rest
- # 4 Yes, I also feel it in my left arm and jaw

Voice speed 

Voice pitch 

Voice:

- English (Australia) en-AU-NatashaNeural Female
- English (Australia) en-AU-WilliamNeural Male
- English (Canada) en-CA-ClaraNeural Female
- English (Canada) en-CA-LiamNeural Male
- English (Hong Kong) en-HK-SamNeural Male

Create your case

Investigations

- Change every Point-of-care test values: results, conclusions, references, units, duration of action
- Adjust any data for every additional examination
- Upload new pictures from your computer

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Main data Flowchart Patient's states Dialogues **Investigations** Actions Drugs ranges sets Medication Messages

Nº	Lab test	Vacutainer tubes	Duration	Duration unit	Result text	Screen fading	Image
✕ 1	Creatine Kinase	Green ▾	3	Mins ▾	435 (30 - 170 IU/L)	No ▾	↑
✕ 2	Cardiac enzymes (CK-MB)	Gold ▾	3	Mins ▾	47 IU/L (5 - 25 IU/L)	No ▾	↑
✕ 3	Troponin I	Gold ▾	3	Mins ▾	1 ng/mL (< 0.03 ng/mL)	No ▾	↑
✕ 4	Troponin T	Gold ▾	3	Mins ▾	1.01 ng/mL (< 0.10 ng/mL)	No ▾	↑
✕ 5	Lactate Dehydrogenase	Gold ▾	3	Mins ▾	774 U/L (125 - 250 U/L)	No ▾	↑
✕ 6	Complete Blood Count	- ▾	0	Mins ▾	Not required in this case. Follow physician's order.	No ▾	↑
✕ 7	Erythrocyte Sedimentation Rate	- ▾	0	Mins ▾	Not required in this case. Follow physician's order.	No ▾	↑

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✕ 3	Troponin I	Gold ▾	3	Mins ▾	1 ng/mL (< 0.03 ng/mL)	No ▾	↑
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✕ 6	Complete Blood Count	- ▾	0	Mins ▾	Not required in this case. Follow physician's order.	No ▾	↑
✕ 7	Erythrocyte Sedimentation Rate	- ▾	0	Mins ▾	Not required in this case. Follow physician's order.	No ▾	↑

Upload media files ✕

Choose file

Upload

Create your case

Medication management

- Multiple medication naming and dosages can be adjusted
- Add new medications aligned to the local drug protocols

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Main data Flowchart Patient's states Dialogues Investigations Actions Drugs ranges sets **Medication** Messages

tablet capsule sublingual syrup intramuscular **subcutaneous** IV_medication IV_fluid nebulization inhaler

Nº	Medication groups	Name	Dosage name	Dosage, mu/ml	Dosage mu
✕ 1	5, Change	Heparin	✕ 1 units / ml ✕ 2 units / ml ✕ 10 units / ml ✕ 100 units / ml	1 2 10 100	units units units units
Add					
✕ 2	12, Change	Lantus insulin	✕ 100 units / ml	100	units
Add					
✕ 3	12, Change	Lispro Aspart insulin	✕ 100 IU / ml	100	IU
Add					

Drug treatment

- Select the sequence with numbers
- Set the route, type and the medication
- Set up the dosage range parameters
- Add new medications if it's needed

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Main data Flowchart Patient's states Dialogues Investigations Actions **Drugs ranges sets** Medication Messages

Nº	Fluid	Route	Type	Medication	Dosage min	Dosage max	Dosage unit	Rate min	Rate max	Rate unit	Duration min, min	Duration max, min
+ ✕ 1		Tablet	Sublingual	Nitroglycerin	0.3	0.6	mg					
+ ✕ 2		Tablet	Oral	Aspirin	325	500	mg					
+ ✕ 3	-	Bolus	Any	Morphine	10	15	mg					
+ ✕ 4	-	Bolus	Any	Alteplase	15	15	mg					
+ ✕ 5	Normal Se	Infusion p	Any	Alteplase	30	30	mg	100	100	ml/hour	-1	-1
Add												

[Add new drug](#)

Create your case

Additional actions

- Utilize the “Actions” interface to create new scenario-specific actions in accordance with local treatment protocols and clinical guidelines.
- Leverage the “Messages” interface to modify existing messages or introduce new explanatory prompts that clarify the clinical consequences of each trainee’s decision or action within the simulation.

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Main data Flowchart Patient's states Dialogues Investigations **Actions** Drugs ranges sets Medication Messages

Nº	Actions	Duration	Duration unit	Result text	Screen fading	Image
Add						

520 Myocardial infarction 2 ✖ ↑

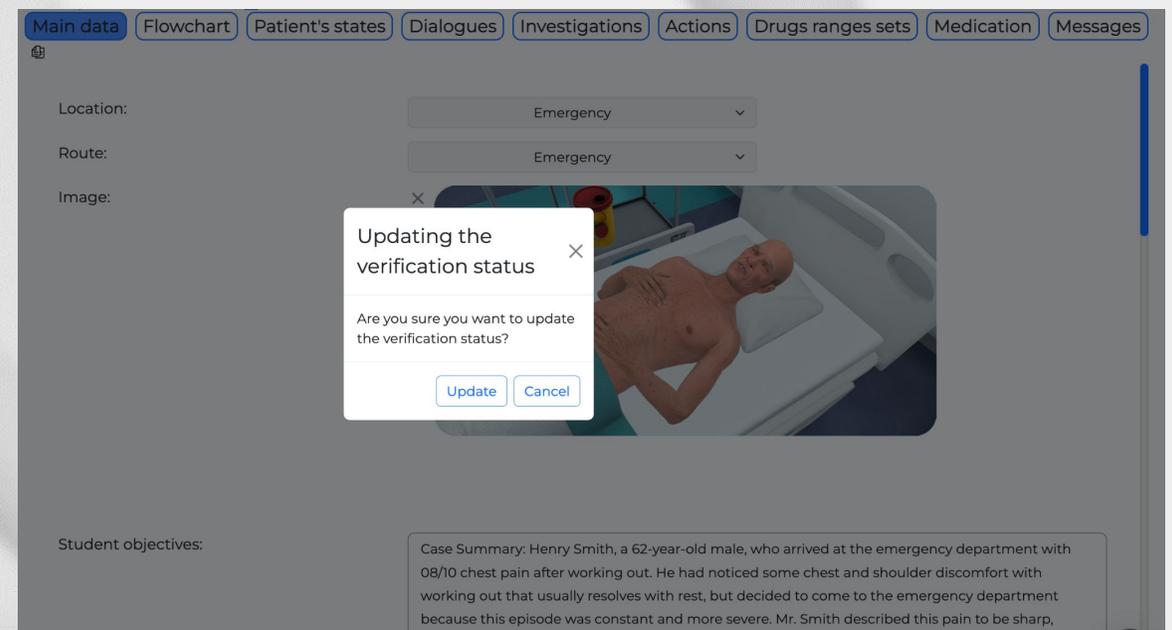
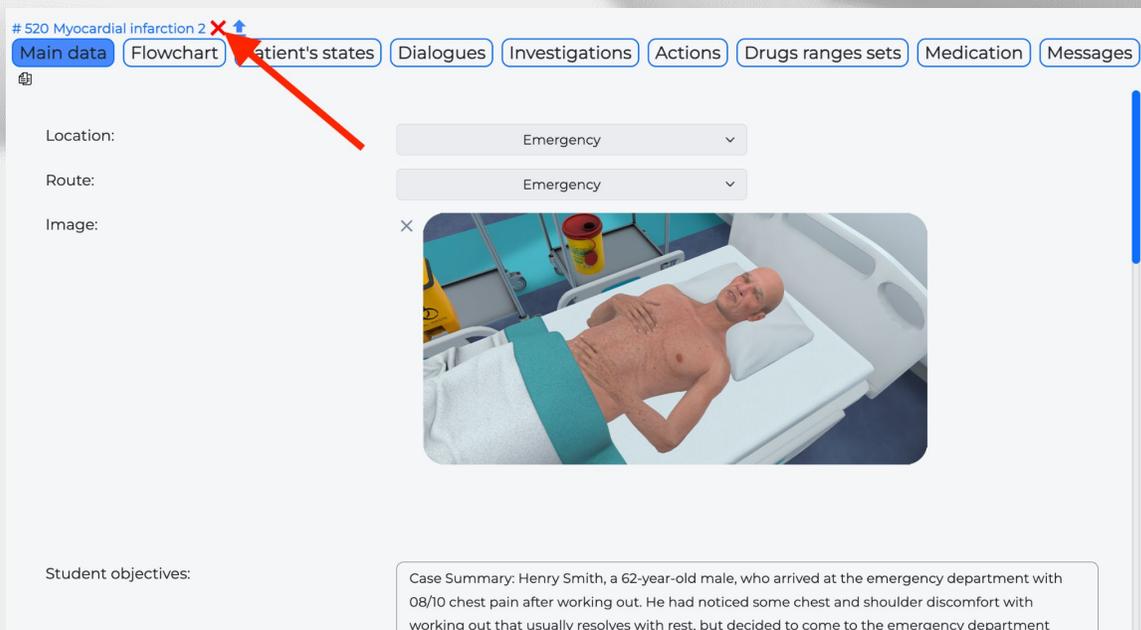
Main data Flowchart Patient's states Dialogues Investigations Actions **Messages** Drugs ranges sets Medication

Nº	Messages
✖ 1	The following actions were not performed in time: Temperature measurement, blood pressure sensor placement, ECG, or pulse oximeter.
✖ 2	The on-call doctor was not called in time.
✖ 3	The following conditions were not met in a timely manner: BP sensor installed, ECG installed.
✖ 4	Emergency drug therapy was not started in time.
✖ 5	The doctor was not informed in time about the ST-segment elevation on the patient's ECG.
✖ 6	The doctor was not informed in time about the patient's elevated cardiac marker levels.
✖ 7	The patient was not ready for coronary artery surgery.
✖ 8	Alteplase was not administered in time.
✖ 9	The patient has died.
✖ 10	2 days have passed.
Add	

Create your case

Verification

- Click on the “red cross” button to verify the case and press “Update” button
- After the verification is done the case will be added to VR-Nursing case library
- New case will be available in Be READY VR-Nursing Mobile



Settings

- Click on the profile button to open the settings menu
- Choose preferable language

520 Myocardial infarction 2

Main data Flowchart Patient's states Dialogues Investigations Actions Drugs range

Language: en

Profile:

Log out

Location: Emergency

Route: Emergency

Image:

Student objectives:

Case Summary: Henry Smith, a 62-year-old male, who arrived at the emergency department with

Be
READY

Technical support
service@mvredtech.com

Nasco
HEALTHCARE