

# International and cross-border telemedicine: how to make it happen?



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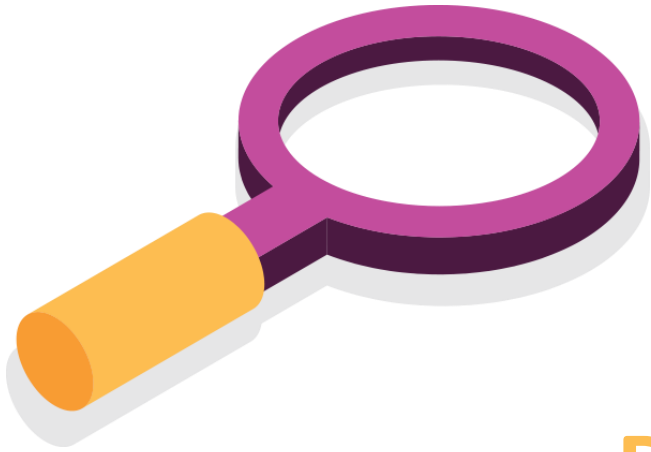
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**A patient undergoing surgery in  
a hospital located in MIMC  
needs to have a consultation  
before and after surgery with a  
French surgeon working in  
France**

**How to develop international  
telemedicine between MIMC  
and other countries ?**





**Doctor - Patient**

**Teleconsultation**

**Remote monitoring**

**Telesurgery**

**Doctor - Doctor**

**Tele-expertise**

**Telediagnosis**

**Tele-assistance**

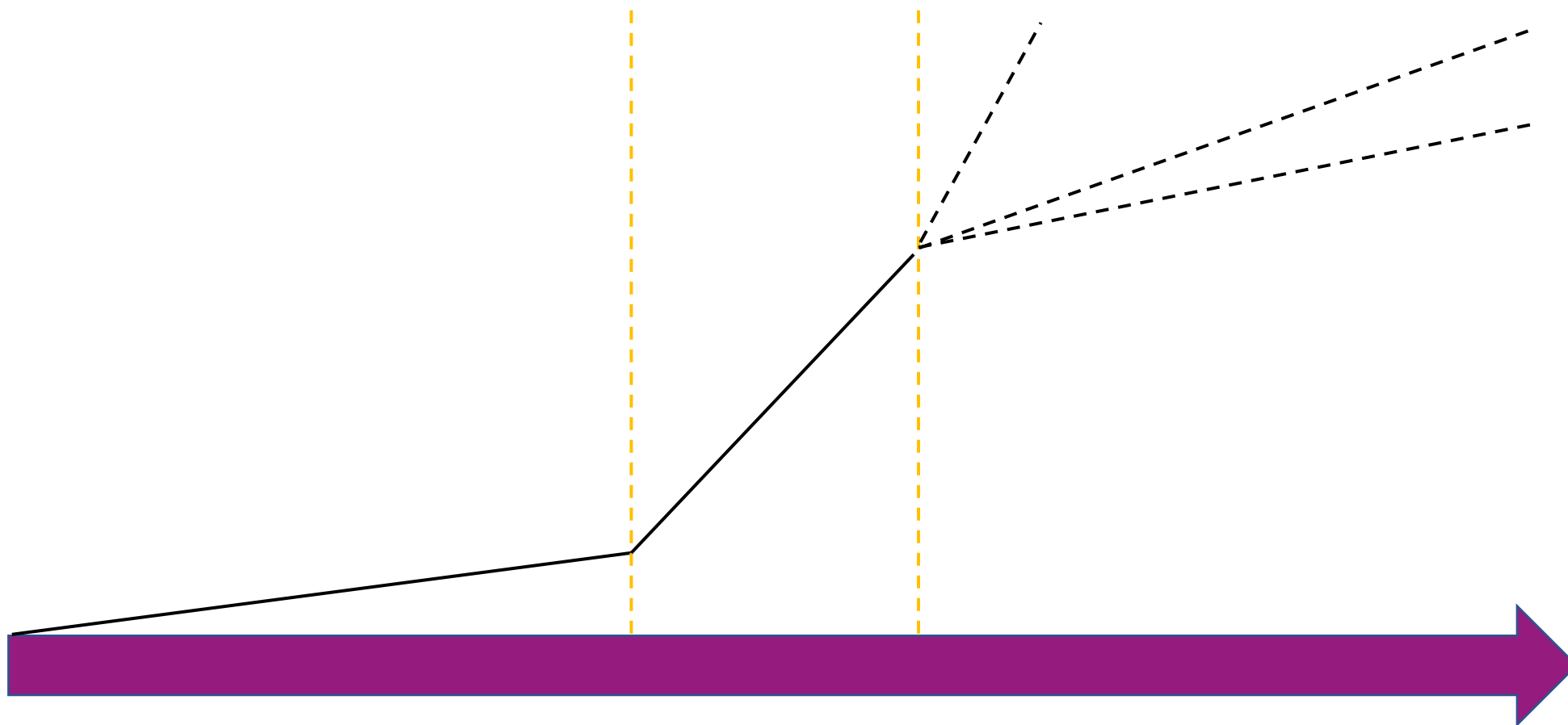
1997 ... 2010 - 2020

2020 - 2021

2021 - 2030

?

Global  
Telehealth  
Growth



## Situation 1

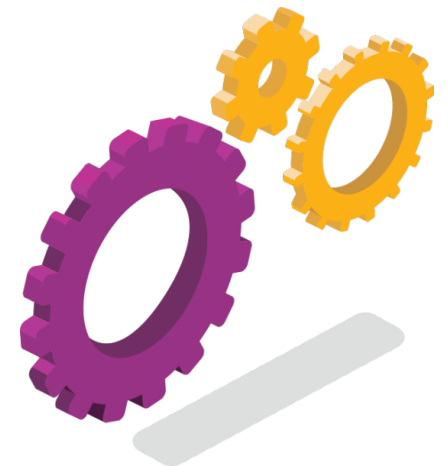
Patient in Russia

Doctor in other  
country

## Situation 2

Doctor in Russia

Patient in other  
country



## To check



- Existing telemedicine regulations?
- Existing health data regulations?
- Does the location of the doctor legally matter?
- Does the location of the patient legally matter?
- Can a foreign licensed doctor practice with local patients?
- Can a local licensed doctor practice with foreign patients?

**No regulations**

**Open practice**

**High risks**

**Limited barriers**

**Limited regulations**

**Rights and duties unclear**

**Lower risks**

**High barriers**

**Developed regulations**

**Rights and duties clear**

**Limited risks**

**Limited barriers**

## Option 1

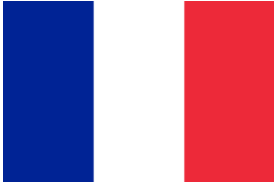
Completely authorized without prerequisite

## Option 2

Authorized only if special conditions met

## Option 3

Completely forbidden



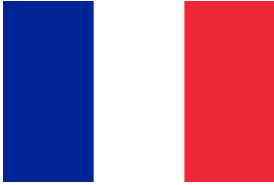
# Example : France

	French living in France	French not living in France	Not French not living in France
Patient	X		
Doctor		X	

OK

	French living in France	French not living in France	Not French not living in France
Patient		X	
Doctor	X		

OK

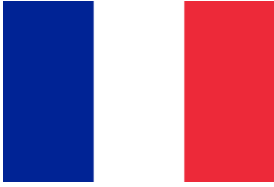


## Example : France

	French living in France	French not living in France	Not French not living in France
Patient	X		
Doctor		X	

OK

A French licensed radiologist is performing teleradiology from Australia for French patients with data stored in France or EU



## Example : France

	French living in France	French not living in France	Not French not living in France
Patient	X		
Doctor			X

**NOT OK**  
**Need board  
registration**

	French living in France	French not living in France	Not French not living in France
Patient			X
Doctor	X	X	

**May be OK**  
**depending on  
doctor insurance**



## Example : Armenia

	Armenian living in Armenia	Not Armenian not living in Armenia	
Patient	X		
Doctor			X

Russian radiologist performs teleradiology reports from Russia with Armenian patients hospitalised in Armenia: currently done but lack of regulations so unclear legal situation



## Example : Kingdom of Saudi Arabia

	Saudi living in Saudi Arabia	Not Saudi not living in Saudi Arabia
Patient	X	
Doctor		X

**Foreign radiologist performs teleradiology reports from foreign country with Saudi patients hospitalised in KSA: forbidden if not licensed in KSA and data not located in KSA**



## APPENDICES

### APPENDIX 1: REQUIREMENTS FOR PROFESSIONAL LICENSURE

No.	Scenario	DHA Licensed	Comply with other regulatory authority requirements
1.	A Physician within DHA Jurisdiction providing telehealth services to a patient in Dubai.	✓	Not Applicable
2.	A Physician within DHA Jurisdiction providing telehealth services to a patient outside the Emirate of Dubai.	✓	✓
3.	A Physician outside DHA Jurisdiction providing telehealth services to a patient in Dubai.	✓	✓
4.	A Physician outside DHA Jurisdiction providing telehealth services to a patient outside Dubai.	x	✓
5.	A Physician-to-Physician using telehealth within DHA Jurisdiction <i>in the same medical field</i> .	✓	Not Applicable
6.	A Physician (A) using telehealth within DHA Jurisdiction to consult with an expert physician (B) outside DHA Jurisdiction <i>in the same medical field</i> .	(A) ✓	(B) ✓



- 1. MIMC has a special status with international healthcare providers**
- 2. Telemedicine will be used within MIMC with other countries**
- 3. Framework may be required to promote and ease international telemedicine**
- 4. Easy international telemedicine could support MIMC activities**

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