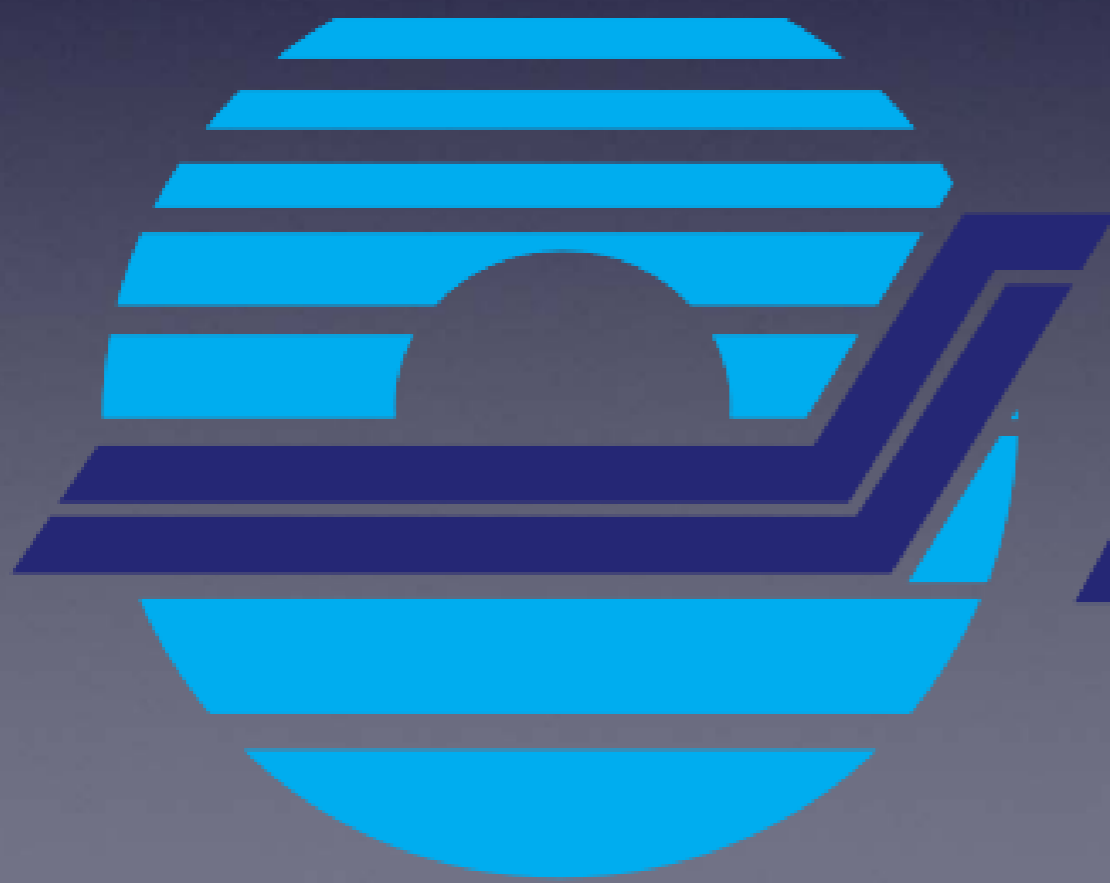


Medical Department

Airports of Thailand Public Company Limited (AOT)



AOT

Presented by
Putthaporn Maungprasert, MD
Aviation Medicine Division
Medical Department
AOT

Content

- About AOT
- Medical department responsibilities
- Partial scale exercise : Preparedness for Spread of MERS-CoV

AOT



AOT

- AOT is a Public Limited Company since 2002 after it was corporatized from a state enterprise.
- AOT is a leader of Thailand's airport business operator.
- Presently, AOT has 6 international airports under responsibility.

AOT



SUARNABHUMI AIRPORT
ท่าอากาศยานสุวรรณภูมิ

Suvarnabhumi Airport

Air Traffic Statistics

Fiscal Year

	Aircraft Movements (Flights)			Total Passengers Volumes (Persons)		
	2012	2013	%	2012	2013	%
BKK + DMK	364,111	423,900	16.45%	55,086,125	64,463,450	20.45%
BKK	326,970	287,000	-11.90%	52,367,000	50,900,000	-2.70%
DMK	37,141	136,900	368.44%	2,719,125	15,562,450	465.70%
CNX	32,071	42,000	13.10%	5,100,000	5,100,000	0.00%
HDY	14,570	17,056	17.04%	2,013,240	2,465,370	22.46%
HKT	10,198	10,198	0.00%	9,161,005	10,979,537	19.85%
CEI	0	6,882	3.12%	926,323	1,053,863	13.77%
Total 6 airports	480,335	559,423	16.47%	71,521,304	86,134,962	20.43%

AOT



Don Mueang International Airport

Air Traffic Statistics

Fiscal Year

	Aircraft Movements (Flights)			Total Passengers Volumes (Persons)		
	2012	2013	%	2012	2013	%
BKK + DMK	364,111	423,900	16.45%	55,086,125	64,463,450	20.45%
BKK	326,970	287,000	-11.90%	52,360,000	50,900,000	-2.80%
DMK	37,141	136,900	368.44%	2,726,125	15,562,450	464.50%
CNX	32,071	32,071	100.00%	5,150,000	5,150,000	100.00%
HDY	14,570	17,056	17.04%	2,013,240	2,465,370	22.46%
HKT	17,198	20,198	18.17%	9,161,005	10,979,537	19.85%
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Total 6 airports	480,335	559,423	16.47%	71,521,304	86,134,962	20.43%

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Phuket International Airport

AOT



Hat Yai International Airport

AOT



Chiang Mai International Airport

AOT



Mae Fah Luang Chiang Rai International Airport

AOT

Medical Department

AOT Medical Department

Administration

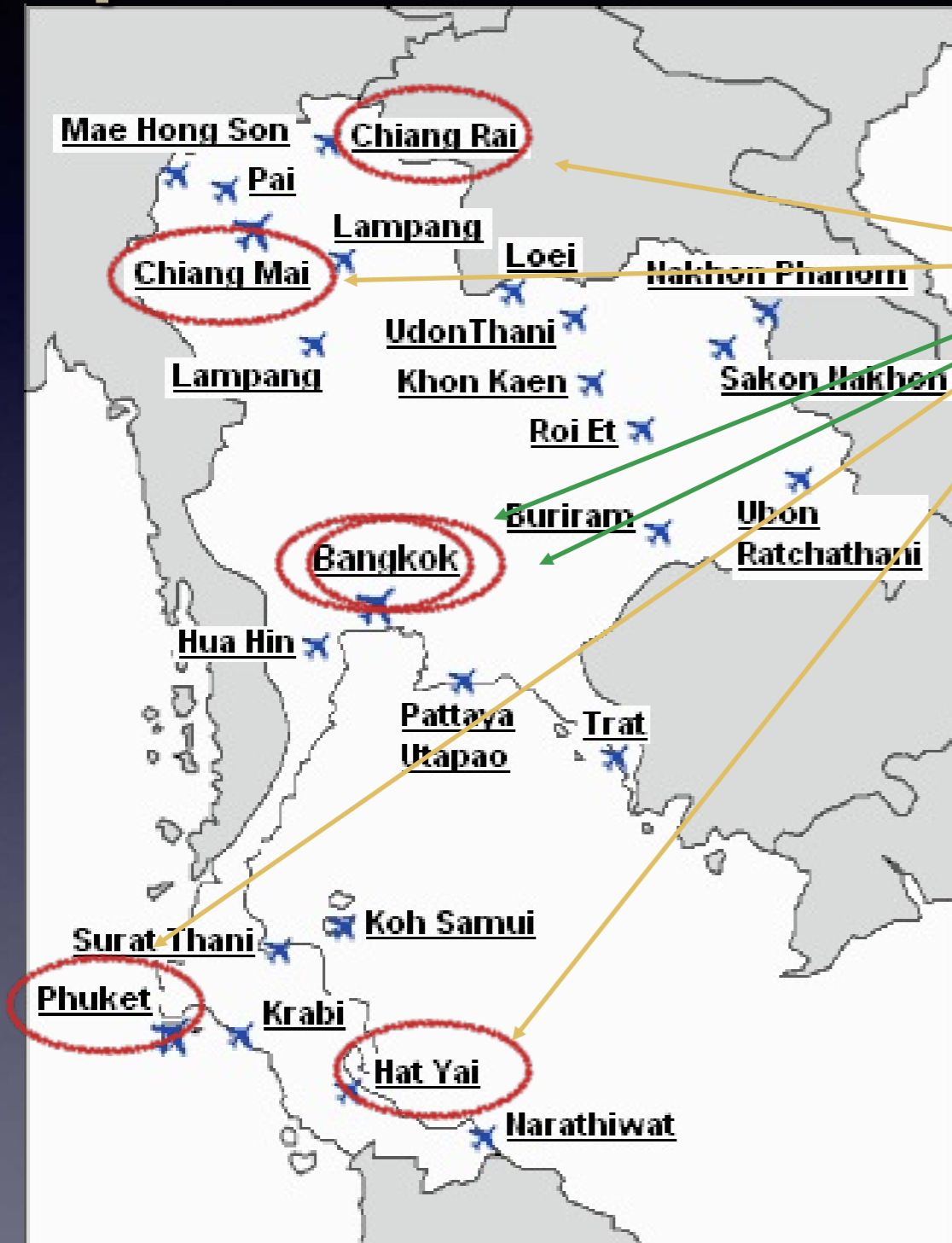
Medical Support Division

Medical Services

Division

Aviation Medicine Division

Airports under responsibility of AOT



Medical Department

Mission of Medical Department

- provide medical services in case of walk-in case for
 - aircraft passengers
 - flight crews and cabin crews
 - external operators
 - airport users
- including provide medical service for AOT officers, their families and AOT employees



Mission of Medical Department

- provide medical services in case of emergency case (EMS)
 - in opened area in airport terminal
 - in restricted area in airport terminal
 - in airside
 - in an aircraft

Mission of Medical Department

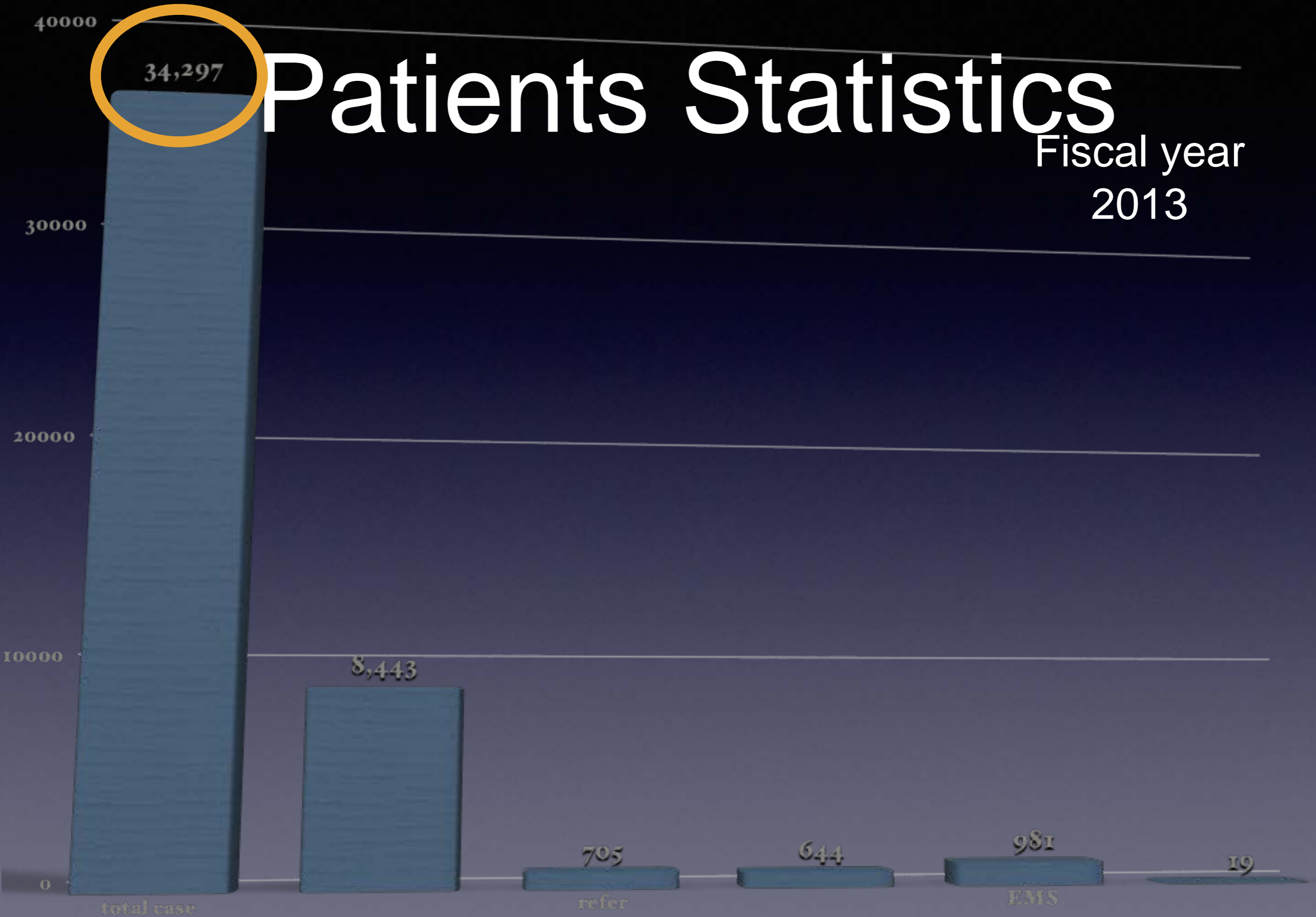
- observe patient's clinical at observe room
- refer patient to the hospital
- provide airport ambulance service for passengers who need special assistance in the airport (stretcher seat)
- provide ACLS
- ~~coordinate in case of serious communicable disease~~

Mission of Medical Department

- prepare for mass casualty incident
- join in airport emergency exercise
- prepare for aircraft emergency landing
- issue medical certification for drivers in airside
- declare for death passenger on board
- join in fire extinguish exercise in terminal

Patients Statistics

Fiscal year
2013



Partial Scale Exercise: Preparedness for Spread of MERS-CoV

Participants

- Ministry of Public Health
 - Department of Disease Control
 - Bureau of Emerging Infectious Diseases
 - Bureau of General Communicable Diseases
 - International Port Health Office : Suvarnabhumi Airport
 - Bamrasnaradura Infectious Diseases Institute
 - Department of Medical Services
 - Samutprakarn Provincial Health Office

Participants

- AOT (Suvarnabhumi Airport)
 - Medical Department
 - Aerodrome Standards And Occupational Health Department
 - Airside Operations Department
 - Landside Operations Department
 - Security Department
 - Special Affairs Department

Objectives

- Early detection
- Referral system
- Infectious control

What we do is

- Early detection
 - update MERS-CoV situation
 - emphasise doctors and nurses to concern about MERS-CoV

What we do is

- Referral system
 - coordination
 - Suvarnabhumi Airport
 - International Port Health Office : Suvarnabhumi Airport
 - Samutprakarn Provincial Health Office
 - Bamrasnaradura Infectious Diseases Institute

What we do is

- Infectious control
 - PPE
 - fast track at Bamrasnaradura Infectious Diseases Institute
 - negative pressure room

Scenario

A 50-year-old Thai man who flew back from Middle East with airline, flight He developed high fever and cough with difficulty in breathing for 2 days. He was escorted by airline staff to Suvarnabhumi Medical Center on arrival floor at gate D6.

Suvarnabhumi Airport Emergency Plan

- Chapter 13 - Medical Emergency : Infectious Diseases and Quarantine

What we do is

- Walk in passengers at Suvarnabhumi Medical Center or passenger who was escorted to the medical center by airline staff
- medical department is responsible for
 - initial treatment
 - coordination with International Port Health Office : Suvarnabhumi Airport

What we do is

- when medical team suspects about MERS-CoV
 - notify the Director of Medical Department
 - medical staff put the PPE on and put surgical mask on suspected patient
 - set isolated area (observe room)
 - coordinate with International Port Health Office : Suvarnabhumi Airport
 - disinfected the room

What International Port Health Office : Suvarnabhumi Airport do is

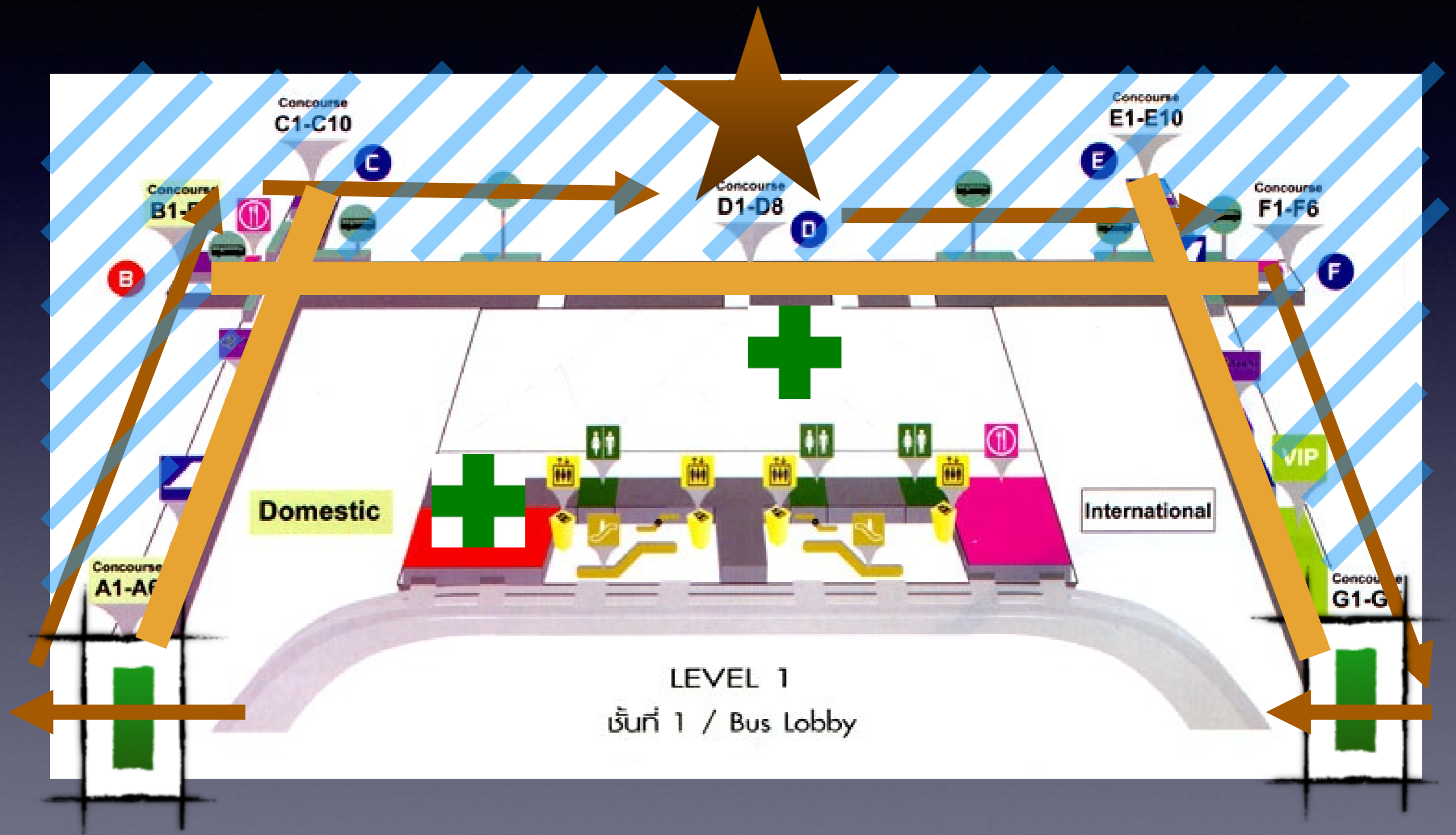
- contact to Department of Medical Services for destination hospital
- contact to Samutprakarn Provincial Health Office
 - arrange an ambulance from Bang Phli hospital
 - refer to Bamrasnaradura Infectious Diseases Institute or others hospital

Another responsibility of Medical Department

- facilitate International Port Health Office :
Suvarnabhumi Airport
- coordinate with Suvarnabhumi Security Center
- coordinate with Airside Operations Dep



Airside route for ambulance



THANK YOU

