



Regional Disease Surveillance and Response Unit

Directorate General Health Services Sindh @ Hyderabad
EX I & I Depot Rafiqi Shaheed Road near JPMC Karachi Cantt, Phone # 02135167029
Phone No. 022-9240101-6, Fax No. 022-9240100: Email: dghealthsindh@sindhhealth.pk



Probable Case of Corona Virus (nCov):

A probable case of nCOV was reported by provincial disease surveillance unit @ DG Health office on 12:00 pm dated 26/02/2020. After verification from Aga Khan hospital Karachi FELTP fellow Dr Adnan and Town Surveillance officer East Dr Fazal, and Dr Aisha visited at hospital on same day around 01:30 pm. The objective of visit was to investigate the case, contact history and other associated risk factors. A WHO recommended case investigation proforma was used to collect the relevant information.

Personal profile:

Name	Syed Muhammad Yahya Jafri
Age	22 years
Gender:	Male
Occupation	Student
Resident	B42, Gulistan Society, Scheme 33
Date of Arrival	20 th February 2020
Date of onset	18 th February 2020
Date of admission	26 th February 2020
Current Status	Alive Admitted at AKU Hospital
Hospital	P3 Aga Khan hospital Karachi.
Cell Number	03339248004

Clinical Features:

- **Fever** Started 18th February at Mashhad Iran (subsided)
- **Headache** Started 18th February at Mashhad Iran (subsided)
- **Weakness** Started 18th February at Mashhad Iran (subsided)
- **Bodyache** Started 18th February at Mashhad Iran (subsided)
- **Vomiting** Started 20th February during flight (subsided)
- **Postnasal drip** Started 25th February 2020 at Karachi
- **Cough** Started 25th February 2020 at Karachi

Laboratory Findings

- Nasopharyngeal Swab **Awaited**

Brief History of Illness:

According to Patient:

On Date 06th to 9th February 2020:

Patient along with his two friends departed from Karachi to Imam Khomeini International airport in normal state of health, in a group of 28 people with Al Harmain travel and tours, travel agency located in Soldier Bazar. Other members of the group were from different areas of the city of Karachi. He reached Qum Iran on the same day and stayed there for 3 days and was in his usual state of health.



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On Date 10th to 13th February 2020:

Patient reached Tehran from Qum on 10th February 2020 where he had mild flu after snowfall which improved with any medication. He went to Karman on 12th February where he stayed for 2 days and was fine.

On Date 14th to 18th February 2020:

Patient left for Mashhad on 14th February 2020 where he stayed for 4 days. On 17th February he underwent Hijama and had an event of dizziness along with body weakness the next morning. He also developed fever, headache, and runny nose along with bodyache on 18th February 2020.

On Date 19th to 20th February 2020:

Patient left for Tehran on 19th February 2020 from where he took his flight for Karachi at 3:00am and landed at Karachi at 9:00am of 20th February 2020.

On Dated 21st to 26th February 2020:

Patient remained symptomless till 24th February 2020, he developed productive cough, post nasal drip on 25th February 2020, and he visited AKUH on 26th February 2020 in morning and got admitted.

History of Risk Factors:

- Individual had travel history from Iran/china.

Action Taken:

- After identification of the individual the District Health Officer EAST was immediately activated and he ensured for the isolation.
- Close contacts are under observation.

Recommendations

- Visit by DHO East, Travel Company named Alharmain Tours & travels located at Soldier Bazar east Karachi, company providing details, contacts and other information's of all Zairen (travelers) left for Iran on 6th February 2020.
- Make a list of close contacts for further observations.
- Awareness of public health care providers for self-cleanness and use of mask when travelling outside the home.
- Provide the list of persons on the same flight/bus.
- Make a line-list of all landing cards/tickets coming from Iran/China or any other countries where an nCoV has been detected.
- Maintenance of this line list at points of entry is very important in the time of this global outbreak.
- There is an urgent need to setup a surveillance system for nCoV that includes all health care facilities of Sindh, especially tertiary hospitals.
- WHO recommended case definition and case reporting preform should be distributed among all private and public healthcare facilities.