



# An Update on Local Influenza Stakeholder Network

# Impact of Influenza in Pakistan

## Each year

- 5-10% adults Infected
- 20-30% children infected

## Complications

Influenza causes an estimated 3-5 million cases of severe illness

## Deaths

Influenza causes 250,000 to 500,000 deaths globally

- The national health priorities are however different ;
  - Polio eradication,
  - Routine EPI coverage
  - Tuberculosis
  - Hepatitis B & C
  - Vector Borne Diseases; Dengue, Chikungunya, Malaria
- The Private sector and LISN has to play its role to fill the gap as Influenza is not a public health priority at present
- Highly vulnerable population groups we are focusing on in Pakistan include; young children, Pregnant women, Diabetics, people with COPD & Asthma

# Diabetes Mellitus-Global & National Burden

According to International Diabetes Federation (Middle and North America),  
Globally;

- About **415 million** people have diabetes in the world
- More than **35.4 million** people in the MENA region; by **2040** this will rise to **72.1 million**

## In Pakistan\*

- More than **7 million** cases of diabetes in **2015**
- In a recent Survey carried out by BIDE institute, one in four person over 20 years is either pre-diabetic or diabetic
- By 2025, it is estimated that Pakistan will have over 30 million diabetics out of a population of 210 million

*\*Pakistan is one of the 19 countries and territories of the IDF MENA region*

# COPD – A major Health Problem

According to the World Health Organization:

- **65 million people** have **moderate to severe** chronic obstructive pulmonary disease (COPD)
- **More than 3 million people died of COPD in 2015**, which corresponds to 5% of all deaths globally
- Total **deaths from COPD** are projected to **increase** by **> 30% in the next 10 years**
- By **2030, COPD** will be the **3<sup>rd</sup> leading cause of death worldwide**

According to the United Nations Development Program report of August 2002:

- In Pakistan, the est. COPD mortality rate is **71 deaths per 100,000, fourth highest** among the 25 most populous nations in the world
- Another survey reports that **7 million** Pakistanis >40 years of age suffer from COPD

*Aneela Liaquat et al, Pak J Med Sci 2015;31(6):1344-1348.*

*Adapted from [http://www.cdc.gov/flu/about/disease/us\\_flu-related\\_deaths.htm](http://www.cdc.gov/flu/about/disease/us_flu-related_deaths.htm), accessed 3rd Feb, 2017*

# Objectives of LISN

- Global & local burden of Influenza
- Influenza in High Risk Population
- Complications of Influenza
- Guidelines and Recommendations of Influenza Vaccination

# Influenza Stakeholder Network Meeting

- Increasing public awareness through press and print media ahead of the flu season
- First in country meeting of Local Influenza Stakeholder Network (LISN) planned in Pakistan in 3<sup>rd</sup> week of October 2017
- Three symposia in 3 major cities of Pakistan( supported by Sanofi)

The collage features several health-related items:

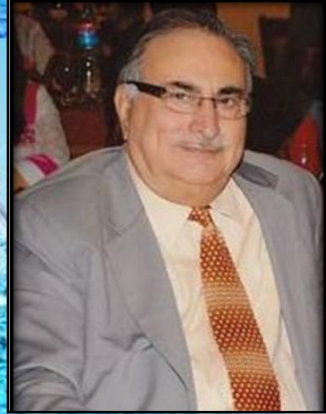
- Top Left:** A newspaper article titled "Influenza virus: a continuing public health challenge" with a sub-headline "Comment from Page 4". It discusses the impact of influenza and the role of the LISN.
- Top Right:** A newspaper article titled "Flu vaccine: an effective way to prevent influenza and its complications" with a sub-headline "Comment from Page 4". It highlights the benefits of vaccination.
- Middle:** A diagram titled "FIGURE: Symptoms and complications of influenza" showing a human silhouette with various health conditions linked to it, such as "CV Disease", "Diabetes", "COPD/asthma", and "Elderly".
- Bottom:** A GSK advertisement for influenza vaccination. It features a young girl with glasses and a teddy bear. The headline reads "VACCINATION SAVES LIVES!" and "Don't Wait, Act Now!". The text states: "Vaccines are considered second only to clean drinking water in controlling infectious diseases." and "Prevention is better than treatment, get your child vaccinated. Protect your child from deadly diseases." It also includes the statistic: "An estimated one in every five children is not immunized in Pakistan."

# Local Influenza Stakeholder Network(Members)



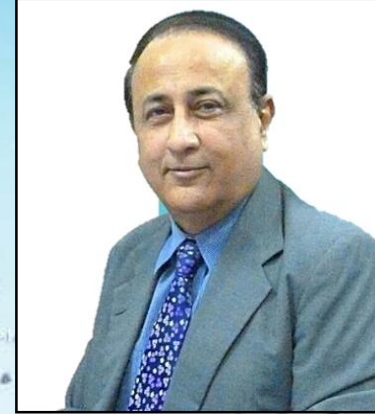
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