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IFALPA
The International Federation of Air Line Pilot’s Associations

• Represents over 100,000 pilots and flight engineers in almost 100 countries world-wide

• The mission of IFALPA is to be the global voice of professional pilots by providing representation, services and support in order to promote the highest level of aviation safety worldwide
The International Federation of Air Line Pilot’s Associations IFALPA

• Observer status in ICAO
• Eleven standing committees
  • Human Performance Committee (HUPER)
    – Medical
    – Licensing
    – Human Factors
• Gives out policies, positions and briefing leaflets
Epidemia

- Protect the crews and countries connectivity
- Coordination between IFALPA, Affiliated Associations and Safety/Security airline departments
- Guidelines?
H1N1 Outbreak
WHAT WE DO? PILOTS

• Use N95 masks in conglomerations?
• Use N95 masks on board? In cockpit?
• Frequent hand washing?
• Frequent hand disinfection?
• Strong cleaning of cockpit switches, displays, handles, armrest, selectors, etc?
## Recommendations

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>N95</strong></td>
<td>Filters at least 95% of airborne particles. Not resistant to oil.</td>
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N95 MASK

Some models of different masks available

N95 masks provide good protection against the haze as they are at least 95% efficient against fine particles that are about 0.1 – 0.3 microns. It is even more efficient (95.5% efficient) against particles that are 0.75 microns and larger.

3M-8210
Most common model in the market

3M-1860
Commonly used in healthcare institutions

3M-8110S
(Similar to 3M-8210 but for smaller faces)

3M-1860S
(Similar to 3M-1860 but for smaller faces)

Dräger Piccola FFP3
Cone-shaped mask for better fit

Kimberly-Clark 46727
Pouch-style, large breathing chamber for added comfort
Quick donning Oxygen Mask, frequent use Cleaning? Who? Effective?
CABIN AIR QUALITY

• HEPA
  (High efficiency Particulate Air filters)
• New Generation Airplanes
• Filters up tp 0.3 micrón particles

WHAT WE DO? PILOTS

• Bug spray?

• Mosquito repellent
  • Do we have access to the ones with effective concentration of DEET?
  • Can we use other formulas and how effective are them?
  • Where, when to use them?

• What to do in case of a secondary reaction?

• Journal of American Mosquito Control Association
  • Formula with 40% DEET, 100% protection for 7 hrs, if used as directed.

• Consider Aeronautical sector that travels to vector zones as high risk
VACCINATION - PILOTS

- Fast Access to them
- Symptoms caused by
- Pilot should be grounded for at least 48 hours to prevent in flight symptoms.
WHAT WE DO? PILOTS

• Vaccination, are we a protected by the health departments and are we a priority sector?
• Long range flights, jet lag, long duty times and fatigue, expose us to infections (immune system)
• Early detection, by who, where?
• Hotels, crew lounge, is the airline international medical staff trained and aware? Normally we go to local hospitals or medical insurance doctors.
AIRLINE MANAGEMENT - PILOTS

• Do we have enough pilots to cover sick calls in case of an epidemic and prevent rupture of operations?
• Do we have a plan?
• Human Resources department flexibility
• ICAO Guidelines
• Spread the words, rules and recommendations
AIRCRAFT AND AIRPORTS

• Early detection of like illness
• Management of an on board like illness passenger
PREVENTION

• Vaccination
  • H1N1, Seasonal Influenza, yellow fever

• Frequent hand washing

• Mosquito repellent
  • Adequate concentration
  • Adequate use

• Personal hygiene without fragrances

• Correct personal hygiene

• Wash hands and foot

• When resting maintain light off and windows closed

• Shake clothing before donning
‘NO! DON’T TOUCH ME!!’

"WHO’S BAD NOW?!"
OK... so where's this big mosquito problem we're supposed to have this year?
Thank You