



# Hand foot mouth disease ( HFMD )

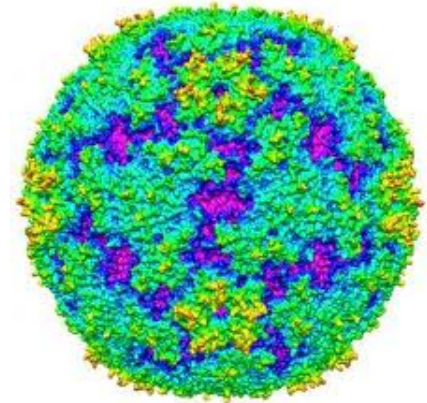


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# Hand, foot & mouth disease: **HFMD**

- **Pathogen : human enterovirus species A (HEV-A)**
  - Coxsackievirus A16 (CA16)
  - **Enterovirus 71 (EV71)**
  - Others: HEV-A serotype CA2-8, 10, 12, 14  
Coxsackievirus B, echovirus



**40-70% of HFMD in Asia caused by EV71**

# Hand, foot & mouth disease: **HFMD**

- Incubation period: **3-6** days
- **Mode of transmission**
  - Fecal-oral transmission
  - Respiratory droplet



# Epidemiology: in Thailand

| Year | Cumulative cases                  | Death cases |
|------|-----------------------------------|-------------|
| 2012 | 4606<br>(1 <sup>st</sup> quarter) | 0           |
| 2011 | 17562                             | 6           |
| 2010 | 12455                             | 0           |
| 2009 | 6823                              | 3           |
| 2008 | 11277                             | 4           |
| 2007 | 16846                             | 0           |
| 2006 | 3961                              | 8           |

# Number of reported HFMD in Thailand: 2011

