



Bambang Supriyatno

Guru Besar Ilmu Kesehatan Anak

Konsultan Senior Respirologi Anak

Ketua Konsil Kedokteran Indonesia (2014-2020)

Divisi Respirologi, Departemen Ilmu Kesehatan Anak FKUI-RSCM

Unit Kerja Koordinasi Respirologi PP IDAI

Board of Asian Pediatric Pulmonology Society

Ketua Komisi 1 Senat Akademik Universitas Indonesia



# ***PNEUMONIA PADA ANAK.***

## ***PEMBUNUH UTAMA YANG TERBAIKAN***

*Bambang Supriyatno*

***Departemen Ilmu Kesehatan Anak FKUI-RSCM***

**APAKAH ISPA ?**

**ISPA: AKUT:  
<2 minggu**

**ATAS**

**BAWAH**

**80-90%  
(kebanyakan virus)**

**10-20%**

**Anti-biotik ???**

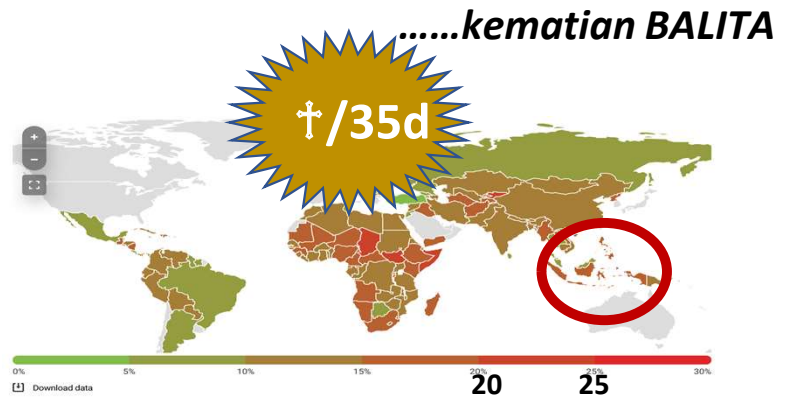
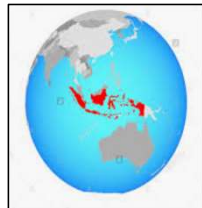
**KEMATIAN BALITA TINGGI**

**HEBOH????**

**bandingkan!!!**

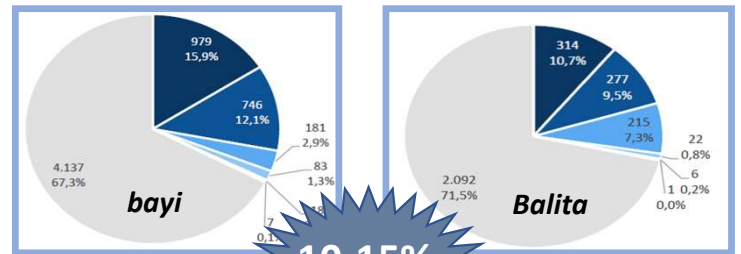


**KECELAKAAN PESAWAT**



**100**  
childhood  
deaths per  
hour

**1**  
childhood  
death per  
35 seconds

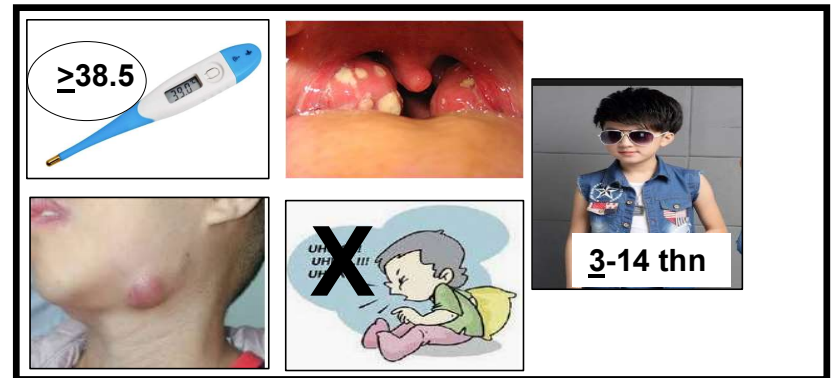
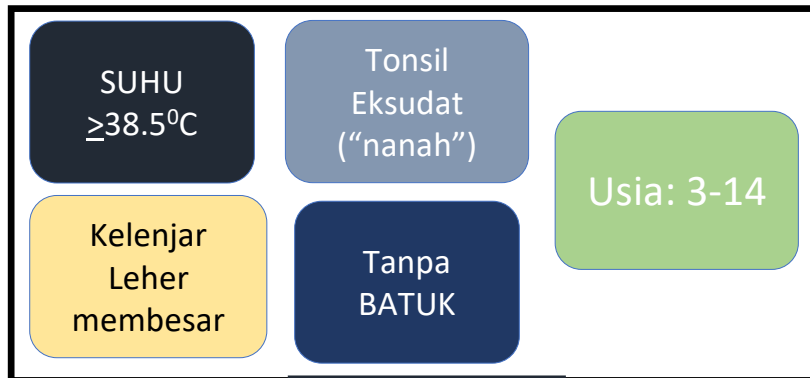


**10-15%  
†**

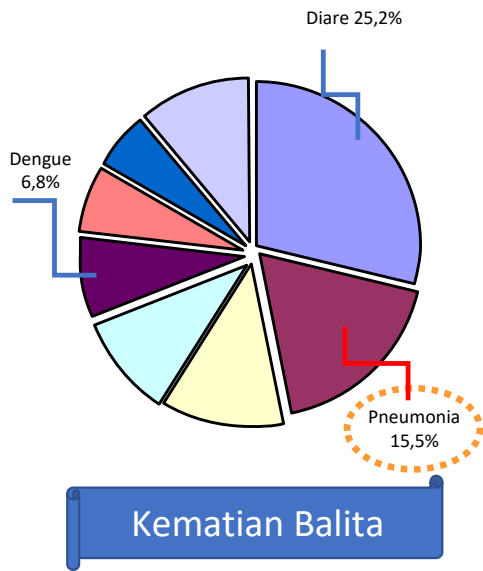
...bagaimana cara menduga bakteri?

### SKOR CENTOR

NILAI  
MAKSIMAL

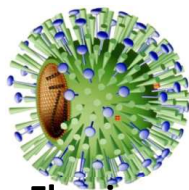
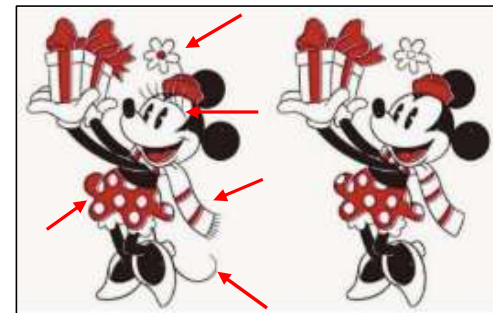
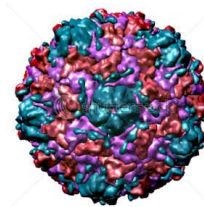
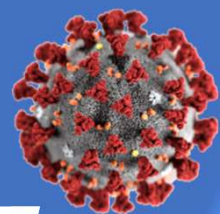
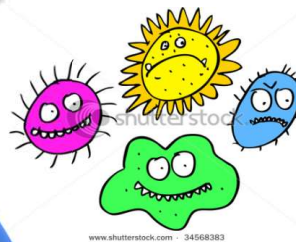
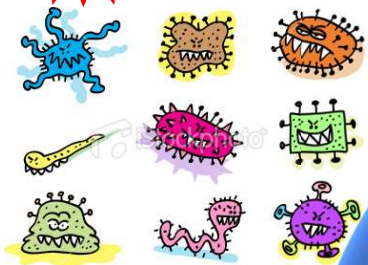


*\*Periksa Darah tepi dan CRP (sel darah putih meningkat dan netrofil meningkat)*



**FLU?**

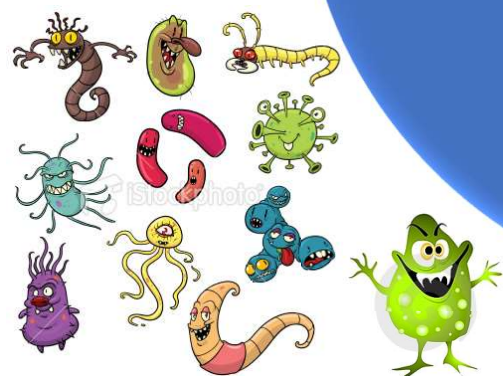
# SELESMA ≈ COMMON COLD (Rhinovirus)



Flu virus

Rhinovirus

CoV



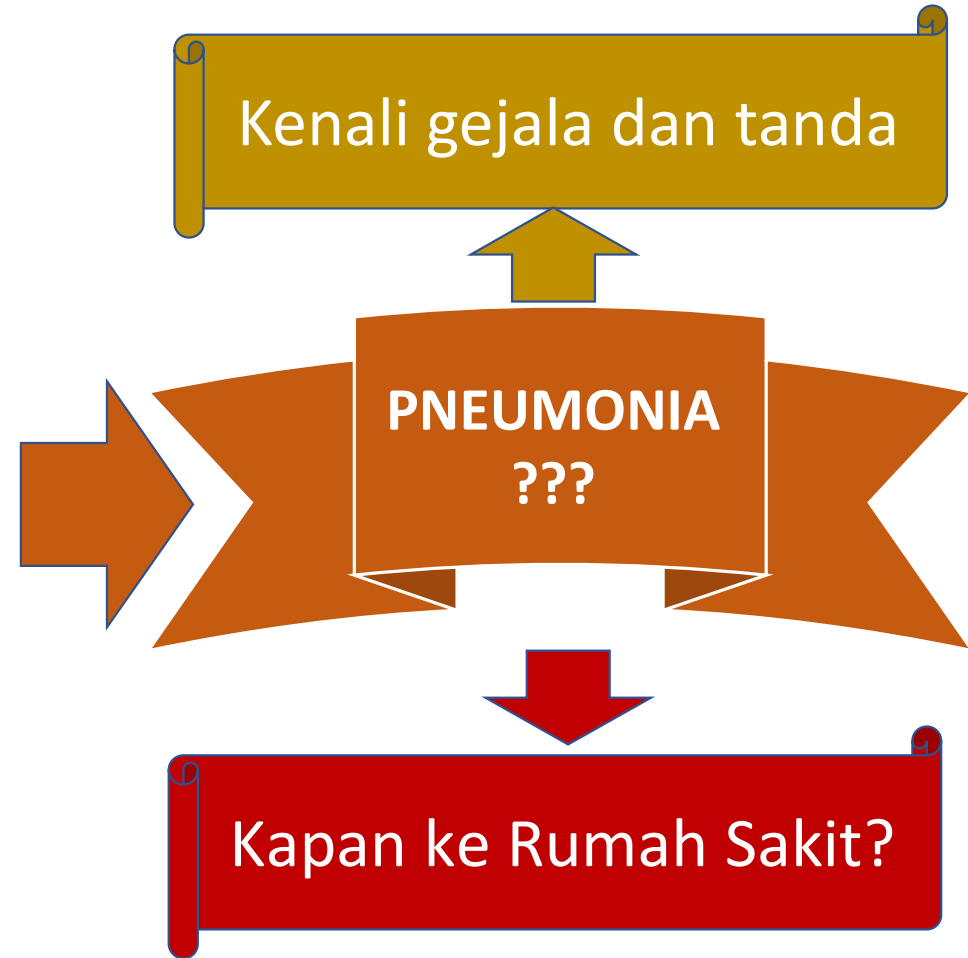
**FLU!**

RINGAN COLD SYMPTOMS	BERAT FLU SYMPTOMS
<input type="checkbox"/> Low or no fever	<input type="checkbox"/> High fever
<input type="checkbox"/> Occasional Headache	<input type="checkbox"/> Constant Headache
<input type="checkbox"/> Stuffy, runny Nose	<input type="checkbox"/> Clear nose
<input type="checkbox"/> Sneezing	<input type="checkbox"/> Occasional Sneezing
<input type="checkbox"/> Mild, Hacking cough	<input type="checkbox"/> Cough, often becoming severe
<input type="checkbox"/> Slight aches and pains	<input type="checkbox"/> Often severe aches and pains
<input type="checkbox"/> Mild fatigue	<input type="checkbox"/> Several weeks of fatigue
<input type="checkbox"/> Sore throat	<input type="checkbox"/> Occasional sore throat
<input type="checkbox"/> Normal energy level	<input type="checkbox"/> Extreme exhaustion





**SELESMA ?**



# APAKAH GEJALA ISPA?

## KLASIFIKASI PNEUMONIA (Untuk awam) → BATUK

PNEUMONIA

Rawat jalan ANTIBIOTIK



RR: 0-2 Bulan :  $\geq 60$  x/menit

RR: 2-12 Bulan :  $\geq 50$  x/menit

RR: >12 Bulan :  $\geq 40$  x/menit

PNEUMONIA BERAT

Rawat Inap ANTIBIOTIK



Tarikan dinding dada bawah ke dalam

ANAMNESIS dan PEMERIKSAAN

DIAGNOSIS (dokter)

Batuk, Pilek

Demam

Napas Cepat

Sesak

Tarikan dinding dada

Biru (sianosis)

Tanda Bahaya

Rontgen TIDAK RUTIN

“Napas Cepat mendeteksi 80% anak Pneumonia, indikasi Antibiotik, dan menurunkan angka kematian” (WHO)

...pneumonia



- Oksigen
- Cairan, nutrisi, elektrolit



UMUM

SPESIFIK

TATA  
LAKSANA

- ❖ Antibiotik
- ❖ Anti jamur



SUPROTIF

PREVENTIF

- ✓ Fisioterapi
- ✓ Antipiretik



- Imunisasi
- ASI Eksklusif
- Lingkungan



**KESALAHAN  
YANG SERING**

**1**

**Batuk dan Demam: Pneumonia (tanpa sesak napas)**

**Bukan pneumonia**

**2**

**Ronsen: gambaran pneumonia tetapi anak aktif**

**Bukan pneumonia**

**3**

**Demam dan batuk: Minta Antibiotik (Mahal dan Poten)**

**Tidak perlu (kec  
Centor Skor  $\geq 4$ )**

**4**

**Obat penekan batuk (antitusif)**

**Tidak boleh**

**5**

**Diberi nebulisasi secara berkala (paket)**

**Bukan suatu yg rutin**

**6**

**Rawat inap tetapi tanpa Oksigen**

**Bukan pneumonia**

**7**

**Dirawat di Ruang rawat Intensif**

**Tidak perlu kec biru**

SCVS

ASI eksklusif,  
menyusui + MPASI

Tuntaskan imunisasi,

Obati ke faskes jika sakit,

Pastikan kecukupan gizi  
dan hidup bersih sehat



Save the Children Vital Strategies EVERY BREATH COUNTS Clean Air Catalyst USAID

WEBINAR STOP POLUSI UDARA

**STOP PNEUMONIA**

menghadirkan

H. Anies Rangsud Brauwiler, S.S., M.P.P., Ph.D.  
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DKI Jakarta

Indy Rahmawati  
Moderator

Jumat, 12 November 2021  
13.30-16.00 WIB  
s.id/SCVS-WPD21  
youtube.com/SaveTheChildrenIndonesia

ADVOKATOR

INOVATOR

MEDIATOR

PROVOKATOR

INISIATOR



VISI DAN MISI



PNEUMONIA MUSUH KITA BERSAMA !!!!!!!

*Take home messages.....*

