

## **CONCLUSIONS**

- Serum PCT level is a powerful guide in prognosis of Community Acquired Pneumonia.
- Raised Serum PCT level is significantly related to increasing severity of CAP as assessed by the CURB-65.
- The prognostic value of Serum PCT can be markedly increased by serial measurement.
- Serum PCT levels on admission predict the severity and outcome of CAP with a similar prognostic accuracy as the CURB-65 score and a higher prognostic accuracy compared with WBC and CRP levels.
- The combined use of PCT and CURB-65 is recommended for increase the prognostic accuracy.