

---

# English Summary

---

## EFFECTS OF CARBONMONOXIDE (CO) ON HEALTH

**Aryawan Wichaksana, Sudi Astono, Kholidah Hanum**

*Postgraduate Fellow in Occupational Medicine, Faculty of Medicine, University of Indonesia, Jakarta*

CO gas exerts its harmful effects through its binding with haemoglobin (Hb) to form COHb. This binding diminished the oxygen binding capacity of haemoglobin; as a consequence, there is no oxygen in the circulation, resulting in tissue anoxia.

Depending on the CO level, the symptoms range from light head-

ache, vertigo, nausea, vomiting, syncope until coma and death.

The chronic effect was mainly on the central nervous system, causing Parkinsonism, dementia and psychosis.

*Cermin Dunia Kedokt. 2002; 136: 24-8  
brw*

## SKIN DISEASES AMONG PLYWOOD INDUSTRY WORKERS IN SOUTH KALIMANTAN

**Sudi Astono, Herliana Sudarja**

*Postgraduate Fellow in Occupational Medicine, Faculty of Medicine, University of Indonesia, Jakarta*

The survey was done in 1998-1999, on 2000 plywood industry

workers in South Kalimantan. It was found that 696 (35%) among them have some kind of skin diseases.

The most prevalent was tinea pedis (248 – 35,6%), followed by contact dermatitis (148 – 21,3%) and allergic dermatitis (74 – 10,6%).

These skin diseases were mostly found among log pond workers (50,59%), followed by boiler workers (50%) and hot press workers (47,6%).

*Cermin Dunia Kedokt.2002;136:43-4  
brw*