


# BACKGROUND

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60 to 80 % of subsaharian children are treated  
or die in residence (WHO)

DRC income per capita = 85 \$ US (World  
Bank)

Problematic of accessibility



**THE COST OF THE TREATMENT  
OF SEVERE MALARIA IN THE  
REFERENCE HOSPITALS OF  
KINSHASA IS NOT ACCESSIBLE TO  
THE MAJORITY OF THIS  
POPULATION**

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# OBJECTIF OF RESEARCH

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What is the direct cost (DC) of the treatment of severe malaria in the reference hospitals of Kinshasa ?

# SITES OF STUDY

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Pediatric Hospital of Kalembe-Lembe  
(Public establishment)

&

Holly Joseph Hospital (Caritative  
establishment)

# SAMPLING

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200 old children from  
0 to 12 years (123 girls  
and 77 boys)  
hospitalized for severe  
malaria

□ 22 september and 6  
december 2004



# COLLECTED DATA

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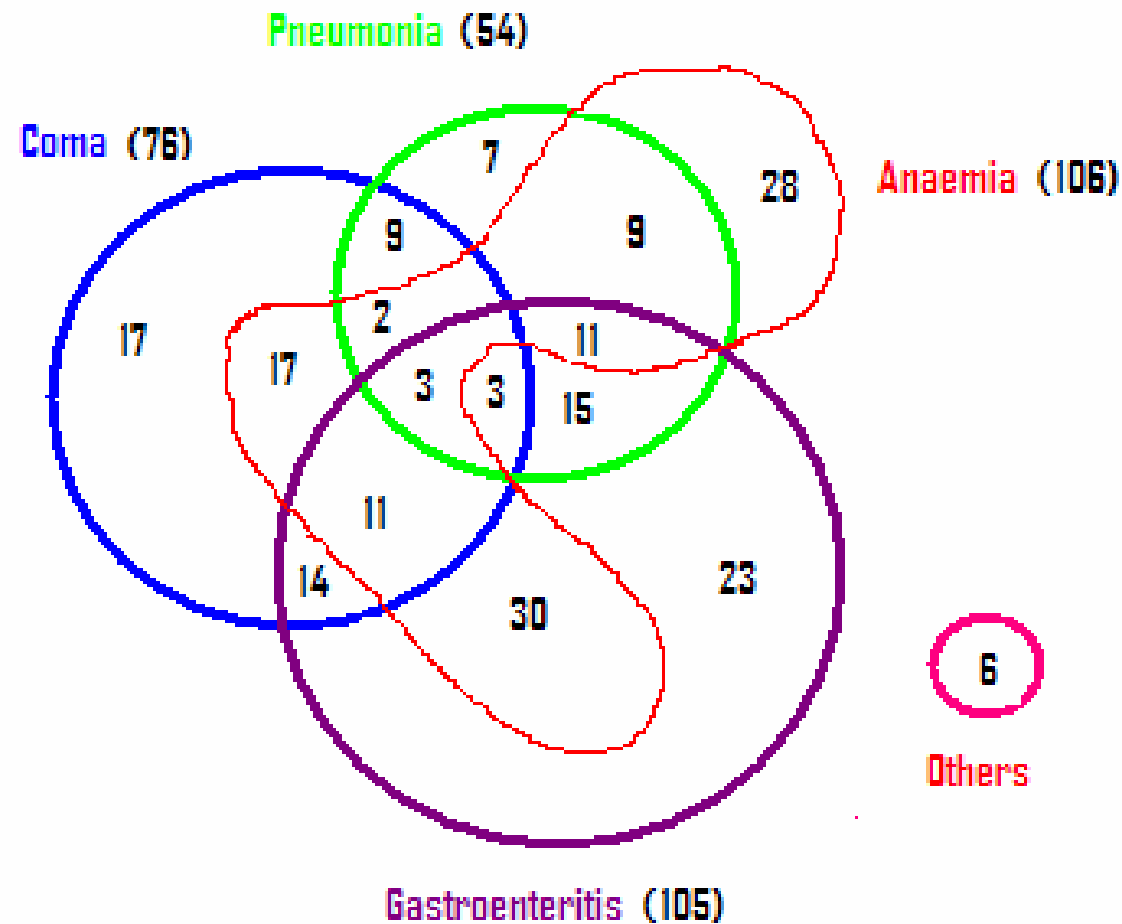
- ❑ Medical files (Clinical symptoms, diagnostic, duration of hospitalization, outcome)
- ❑ Invoice (Consultation, laboratory tests, imagery, drugs, transfusion, hospitalization)

# STATISTICAL ANALYSIS

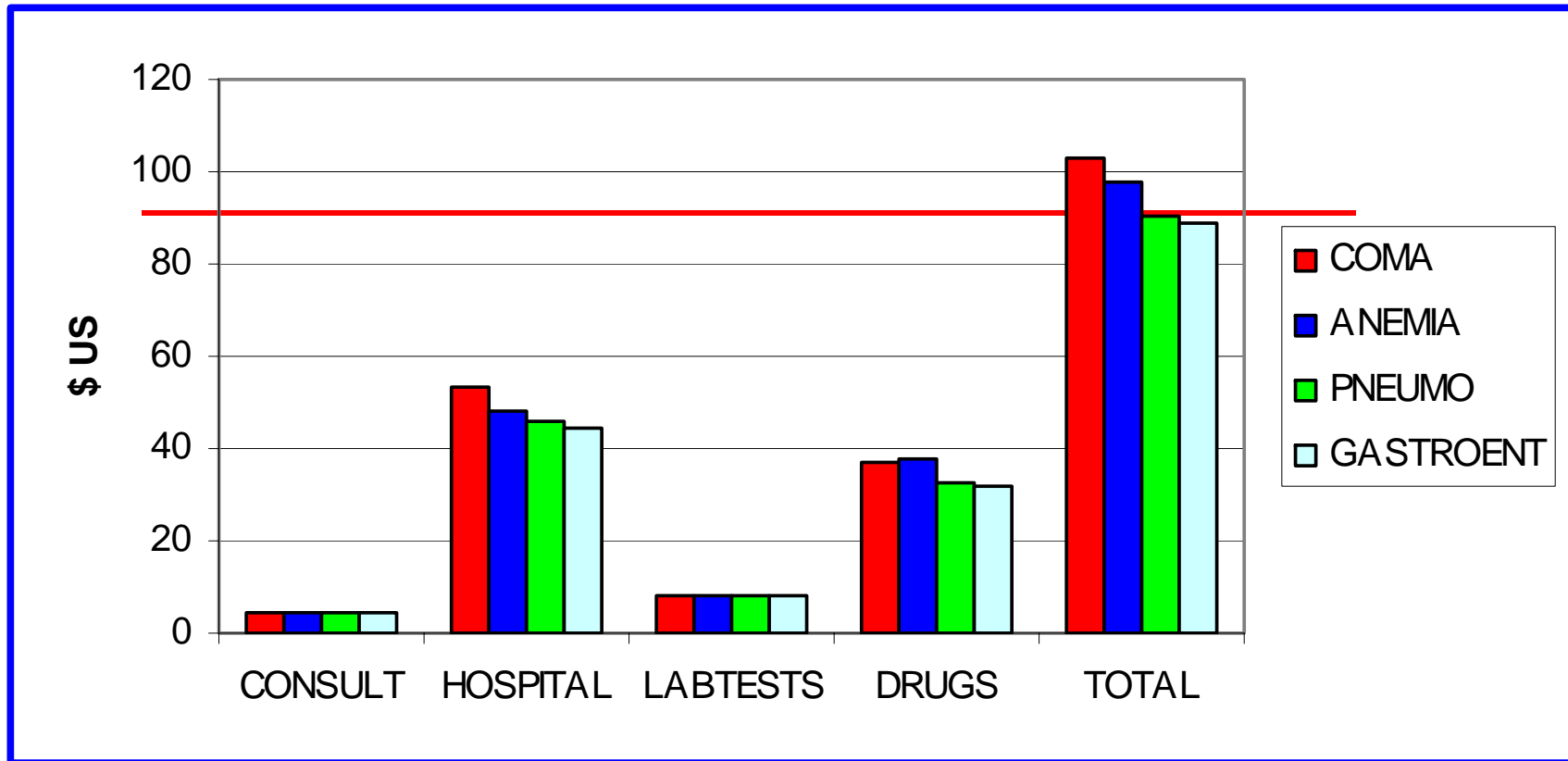
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- Adjusting for confounding effect of the duration of hospitalization (General linear model)

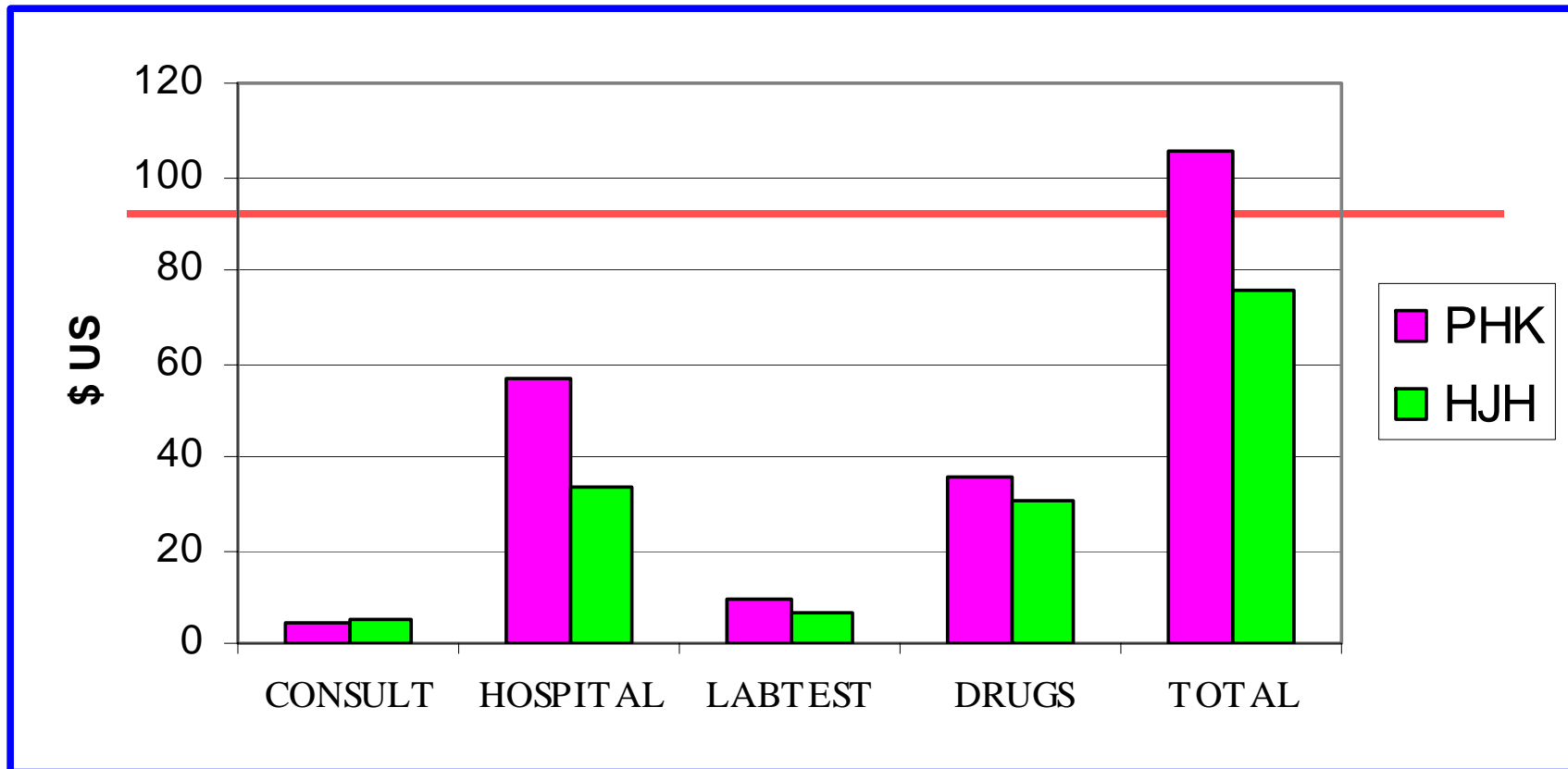
# CLINICAL SYNDROM



# DC BY CLINICAL SYNDROME



# DC BY HOSPITAL



# CONCLUSIONS

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- ❑ Roll Back Malaria Strategy
- ❑ Poverty of the population
- ❑ Responsibility of the State