# Menstrual characteristics and dysmenorrhea among Palestinian adolescent refugee camp dwellers in the West Bank and Jordan: a cross-sectional study

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## **Background**:

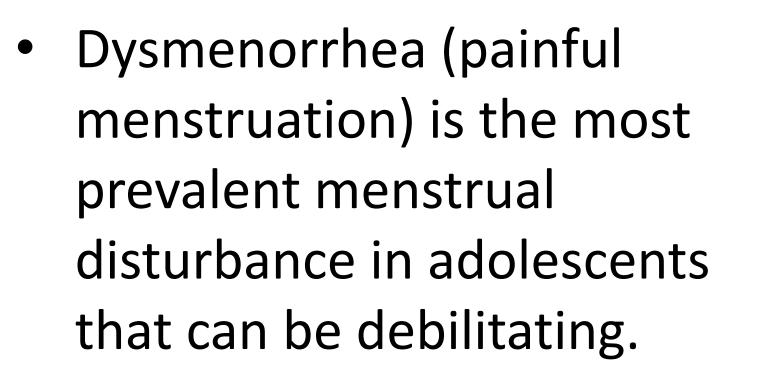
- Women and girls experience menstruation throughout their reproductive years.
- Normal adolescent menstrual cycles gauge current and future reproductive health.

## Aim of the Study

This study examines the menstrual characteristics of adolescents living in Palestinian refugee camps in the West Bank of Palestine and Jordan,

## **Methodology**

- A household survey of 15 to 18year-old adolescent girls was conducted.
- Trained field workers collected data on general menstrual characteristics and disturbances

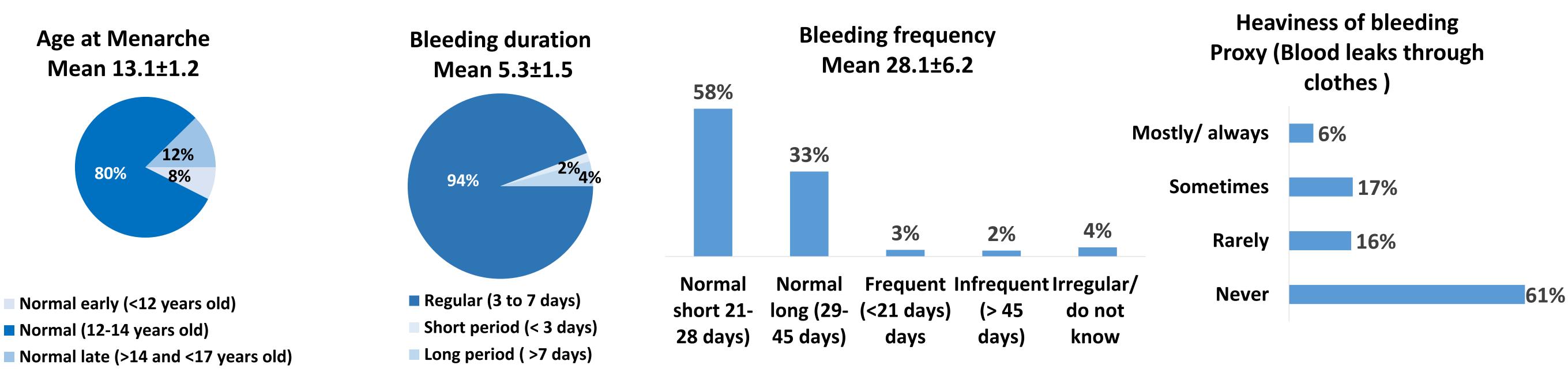


including estimates of dysmenorrhea levels

Dysmenorrhea level was
 assessed using the Working
 ability, Location, Intensity, Days
 of pain Dysmenorrhea scale
 (WaLIDD)

Results

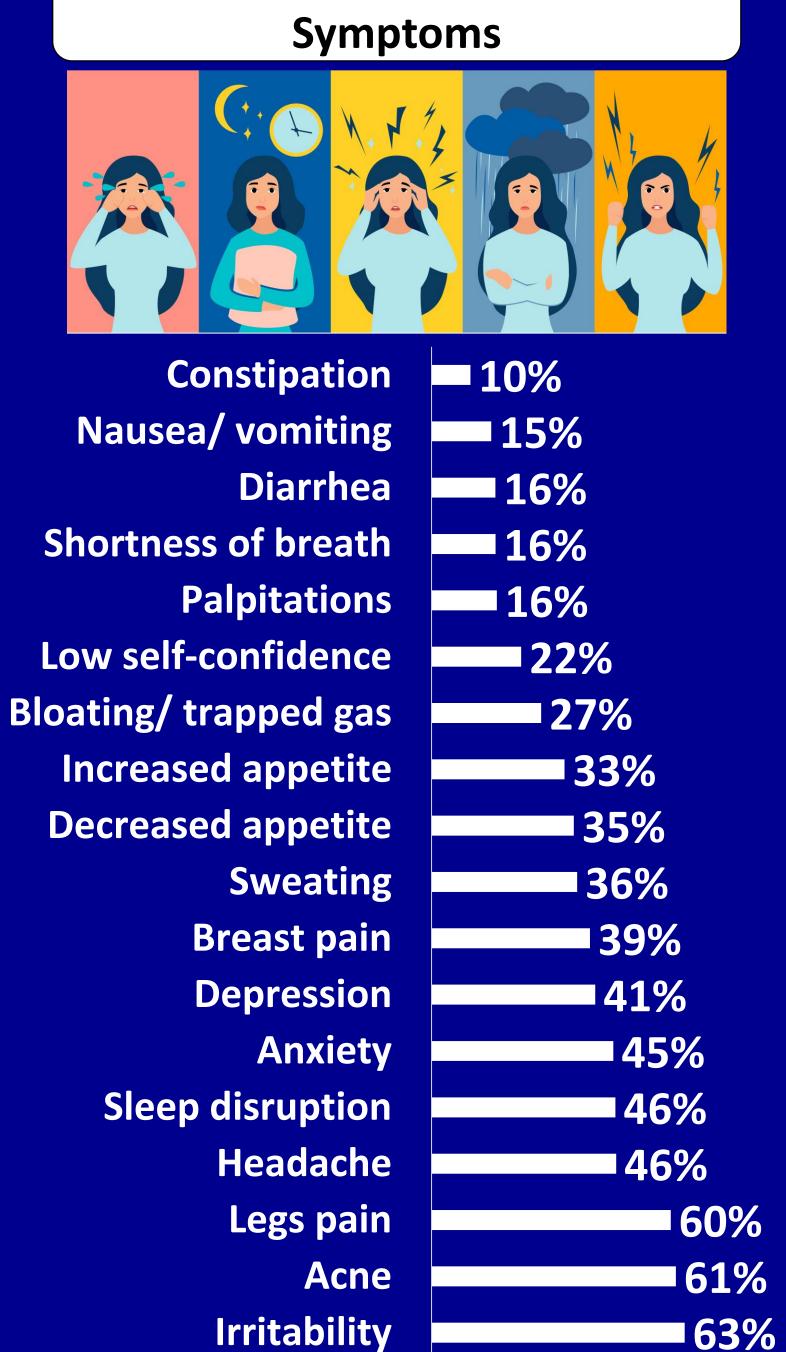
### **Menstrual characteristics**



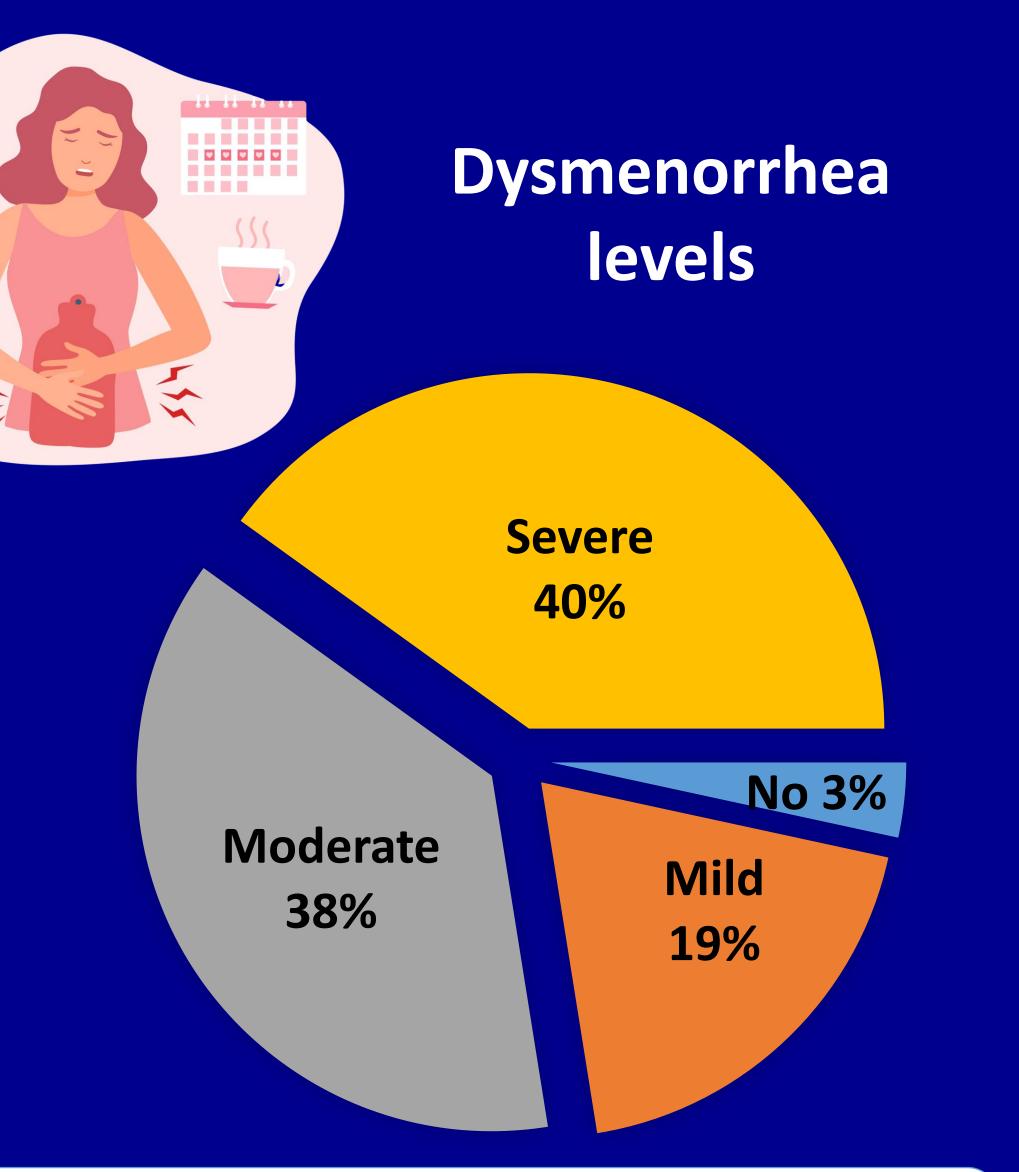
#### **Prevalence of Premenstrual**

#### Dysmenorrhea levels based on the Working ability,

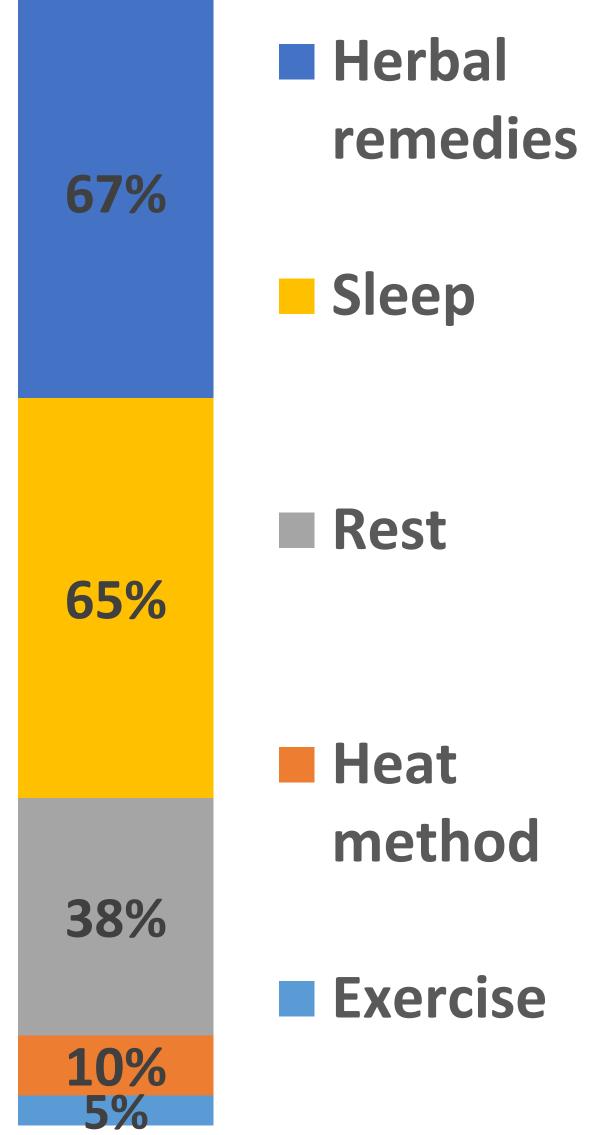
#### To ease menstrual pain:



Location, Intensity and Days of Pain Dysmenorrhea (WaLIDD) multidimensional scale



25% used medications 89% used non-pharmacologic approaches





## **Conclusion and**

## Recommendations

- The study indicates regular menstrual patterns in terms of length, duration, and intensity of bleeding and a slightly higher age-at-menarche than the global average.
- An alarmingly high prevalence of dysmenorrhea among participants was reported.
- There is a need to address dysmenorrhea as part of a comprehensive approach to menstrual health and reproductive health.
- Menstruation and its irregularities should be tackled more effectively by families, schools, and healthcare providers.
  Collaborative efforts are needed to provide accurate information about assessing and managing menstrual irregularities like dysmenorrhea that should start during early adolescence.
- It is essential to construct socially, culturally, and age-appropriate, consistent definitions, and measurement tools to better understand menstrual irregularity levels and associated factors to achieve comparable information, informed recommendations and effective actions.







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