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ELEVENTH ANNUAL MEETING

Localized Hodgkin Lymphoma (HL) in Children: Retrospective Study

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INTRODUCTION

The localized stages of Hodgkin's lymphoma (HL), defined according to Ann Arbor as stage I-II, represents 70% of all patients with HL at diagnosis.

AIM

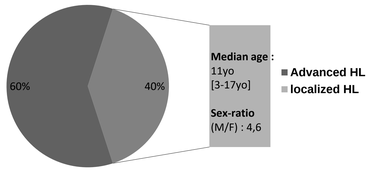
The aim of this study is to identify the epidemiological, clinical and therapeutic profile of pediatric localized HL

METHOD

- Descriptive retrospective study
- Hematology and Pediatric Oncology department, 20th August 1953 Hospital, Casablanca Morocco
- January 2016 to December 2021
- Patients aged **<18 years**
- Staging system : **The Ann Arbor, stage I-II**
- **Work up** : medical history, clinical examination, PET-scan or CT-scan, biological assessment
- Evaluation : clinical examination, PET-scan and/or CT-scan

RESULTS

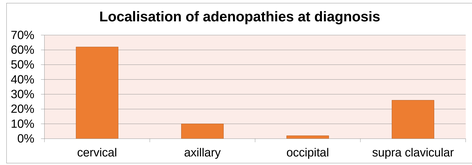
The rate of localized forms and their epidemiological



Ann Arbor Stage	%
Ia	18
Ie	6
IIa	35
IIb	35
IB	6

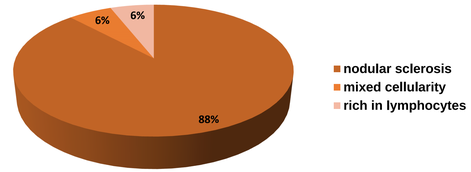
- One patient had mediastinal enlargement
- Osteomedullary biopsy was performed in 8 patients, showing no lymphomatous infiltration

Localisation of adenopathies at diagnosis

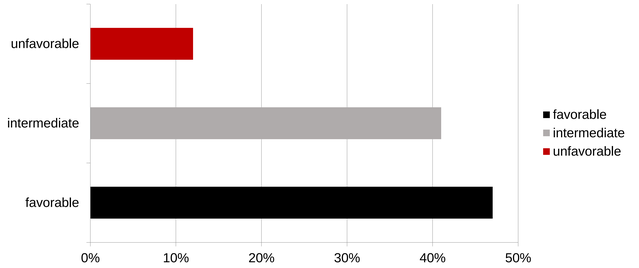


- Median size of these adenopathies was **3.5 cm (0.5-10 cm);**
- 3 patients (**18%) had bulky cervical disease**

Different histological types found in our patients



Different prognosis groups in our study



CONCLUSIONS

The epidemiological, clinical and histological aspects in our pediatric patients with HL are comparable to those of Western series. From a therapeutic point of view, our results are satisfactory and are in line with the literature although the patients were treated with different protocols.

REFERENCES

1- Mauz-Körholz, Christine, et al. "Pediatric hodgkin lymphoma." *Journal of Clinical Oncology* 33.27 (2015): 2975-2985.

2- Metzger, Monika, and Mhamed Harif. "Hodgkin lymphoma." *Pediatric Hematology-Oncology in Countries with Limited Resources: A Practical Manual*. New York, NY: Springer New York, 2013. 257-269.

	ABVD (N=5)	EuroNet-PHL (N=12)
Patients included	5	12
Radiotherapy	4	6
CR	4	9
Palliative	0	1
Lost to follow up	0	2
Relapse	1	0

ABVD : doxorubicin + bleomycin + vinblastine + dacarbazine
CR : complete remission