بسم الله الرحمن الرحيم

Adult Hodgkin's Lymphoma in the Eastern Part of Libya

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Summary:

Between 1984-2001,we reviewed retrospectively all medical records of 271 patients from eastern part of Libya. (153 men and 118 women, age ranged from 14-80 years)

- ***Among total 33% patients presented with A symptoms and 66% presented with B symptoms .***
- ***Histological 47% have nodular sclerosis,34% have mixed cellularity, 16% have lymphocytic rich and 3% have lumphocytic depleted .***
- ***Clinically: stages III/ IV account 70% of total and remainder were presented with stages I /II.***
- ***Among total (47%) of patients achieved complete remission following combined chemotherapy, (21%) with partial remission and (32%) of patients did not follow up.***
- ***5 years follow up survival obtained in 116 patients were 84 patients remained in remission after 5 years (72.4 %) and 32 patients with no follow up (27.6 %).***

Introduction

- Hodgkin's disease (H.D) is a potentially curable malignant type of lymphoma.
- First described by Thomas Hodgkin in 1832.
- Has a distinct histopathology, biological behavior and clinical characteristics.

Aim of the Current Study

1. To assess the management.
2. To find out the means to improve early detection and treatment for better outcome.

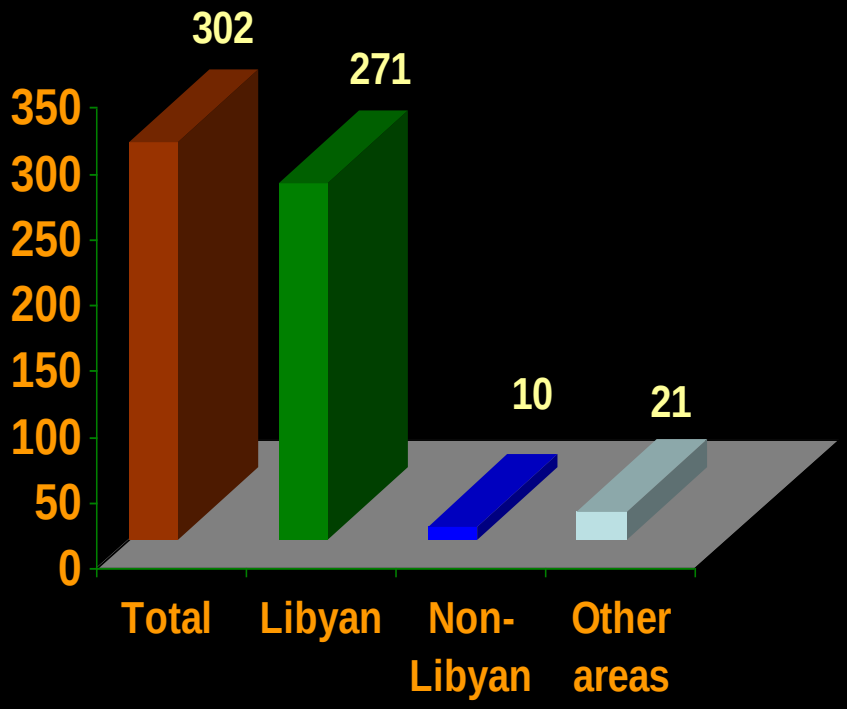
Material and methods

- We reviewed retrospectively all medical records of patients who were treated for HD in Hematology department from 1984 through 2001.
- Our department includes medical services in both Jamahiriya and Hawari hospitals. (The only referral department for hematological cases in the eastern part of Libya).
- The review included:

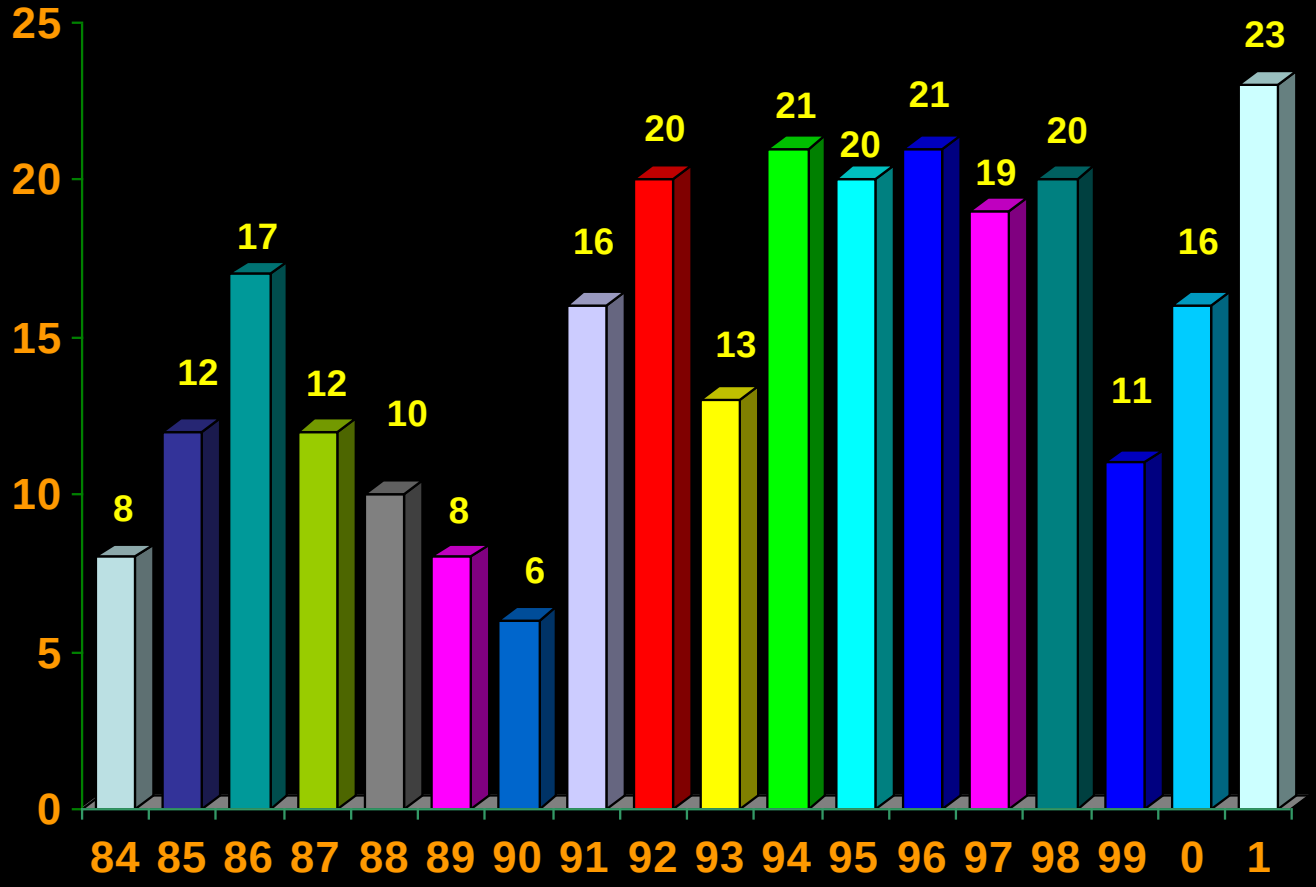
- Demographic information: age, sex, address, occupation.
- Relevant clinical parameters written by resident physician in the admitting history and daily follow up notes.
- Laboratory values.
- Type and dose of the drugs.
- Follow up records.

Results

- 302 patients were treated for HD in our department.
- **271** (89.7%) Libyan patients from the eastern part .
- 21 (7%) patients from other areas
- 10 (3.3%) Non-Libyan patients.
- Libyan patients from eastern part **only** were included in the study.



Years Distribution:

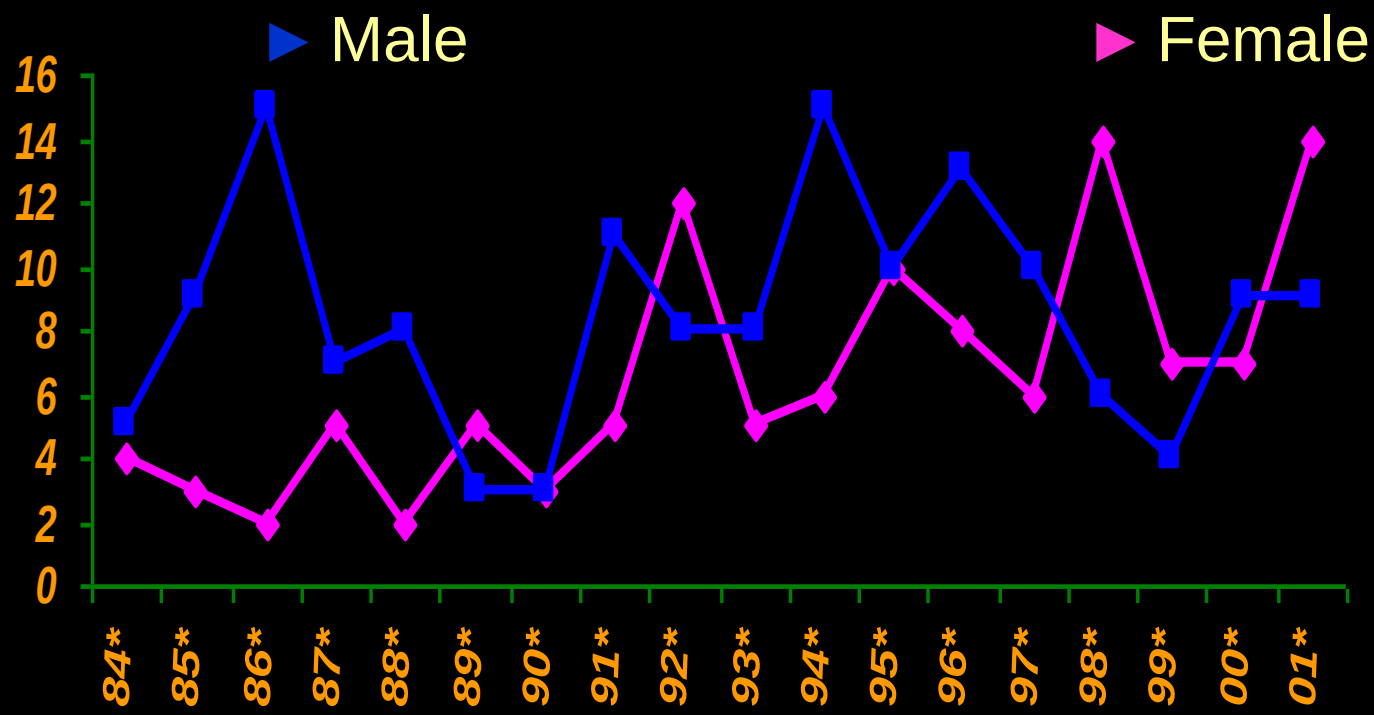


Mean number of patients per year = 15.1667 ± 5.283

Male / Female Distribution:

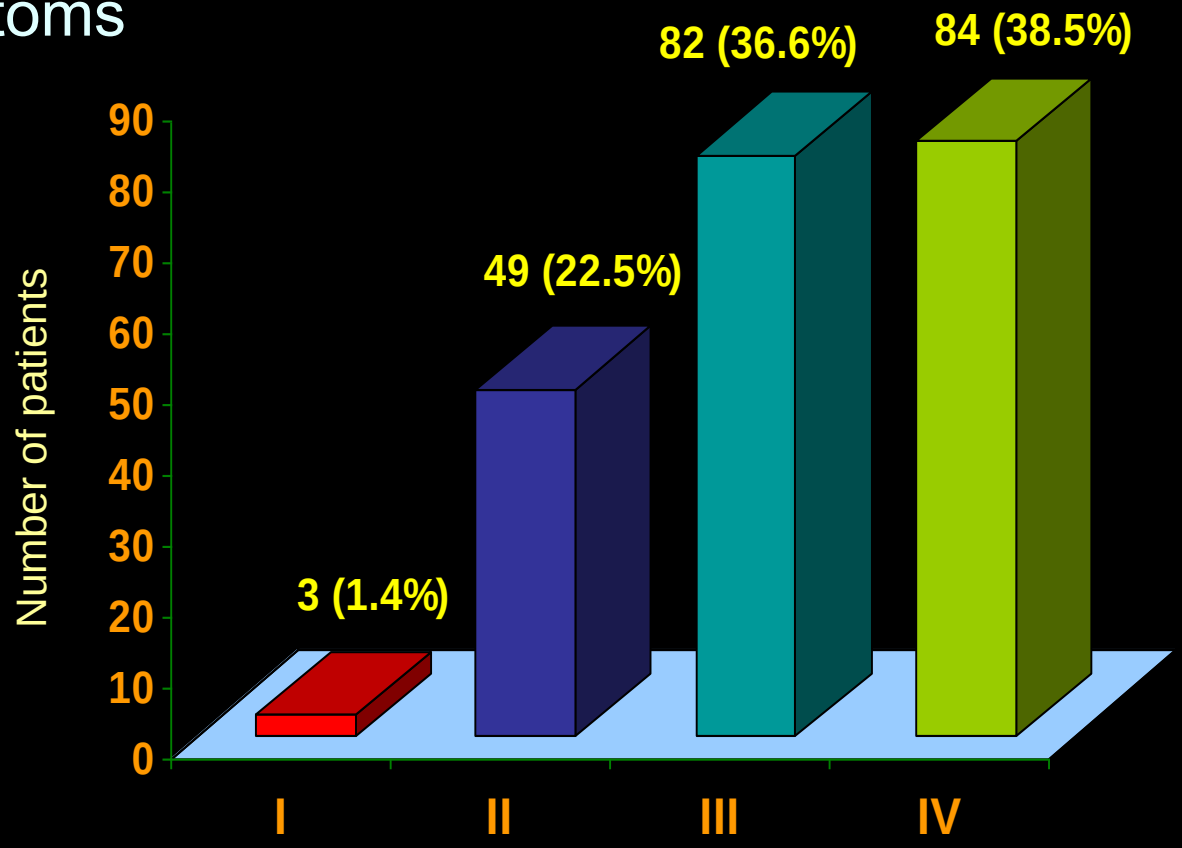
Sex	Number	Age Range	Mean Age
Male	153 (56.5%)	**14 - 80**	**32.6 ± 16.48**
Female	118 (43.5%)	**14 - 74**	**26.9 ± 13.11**
Total	271 (100%)	**14 – 80 Years**	**30.7 ± 15.46 Years**

Male / Female Distribution = 1.3 / 1

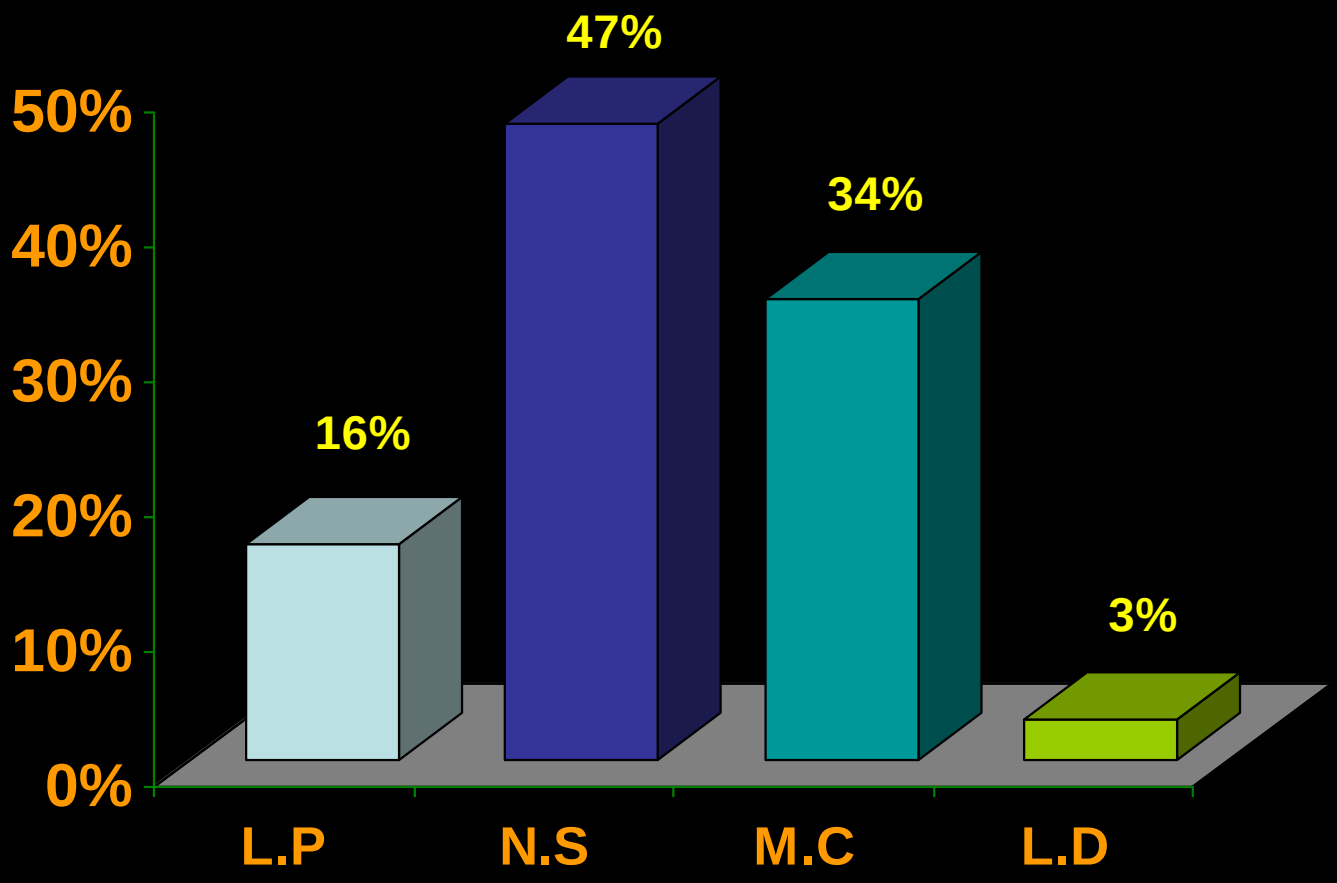


Well Staged Patients (No : 218 = 80.4%):

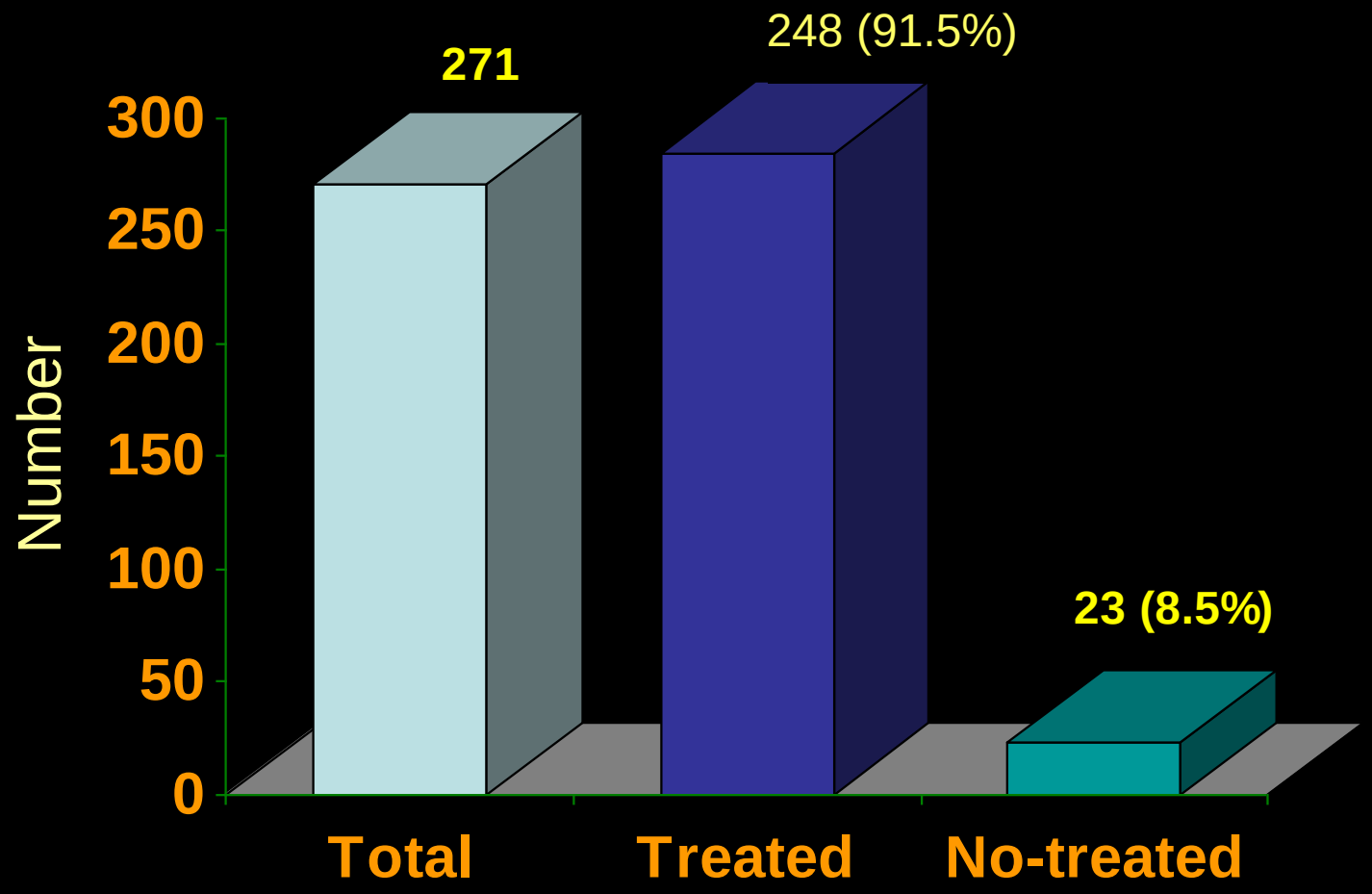
34% had “A” Symptoms
66% had “B” Symptoms



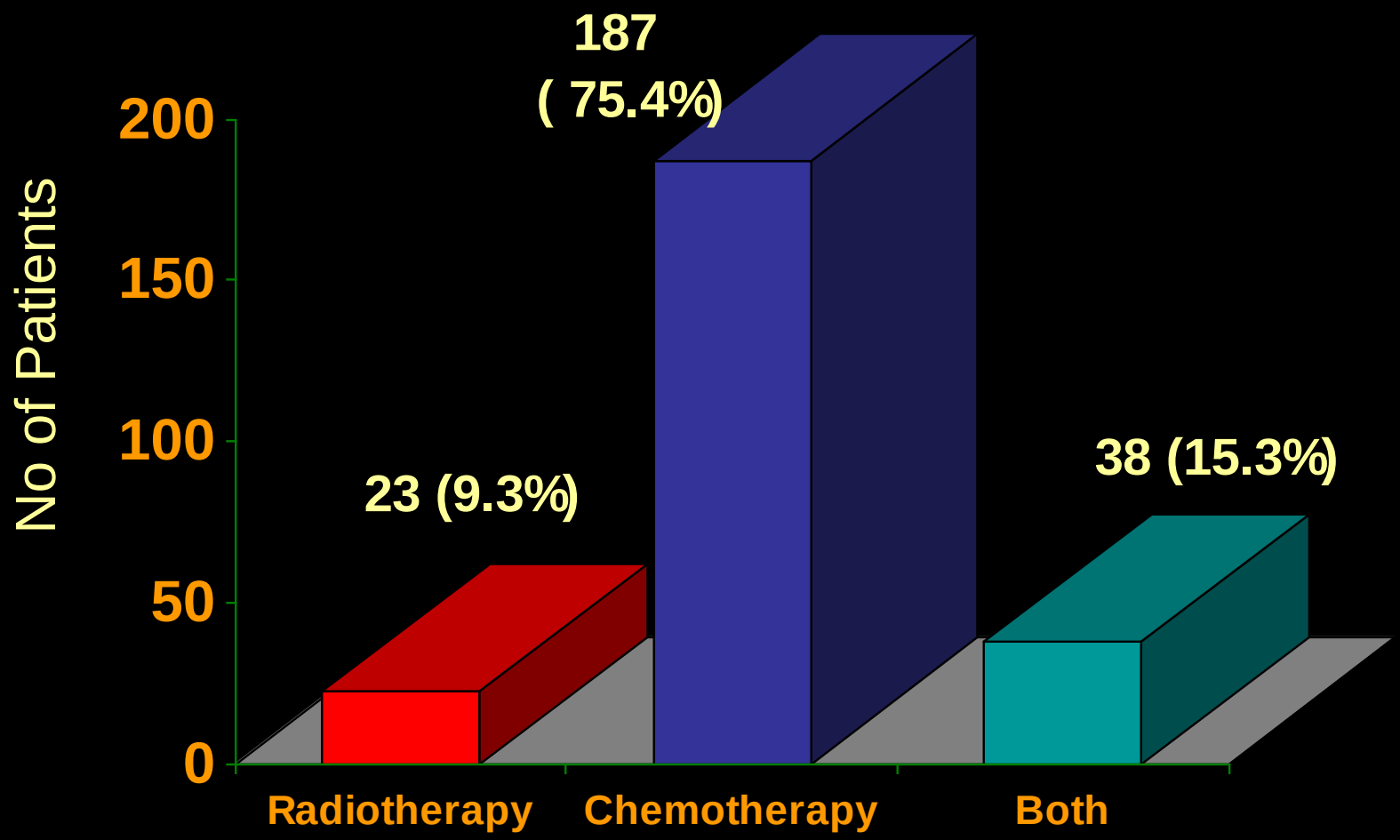
Histological Subtypes:



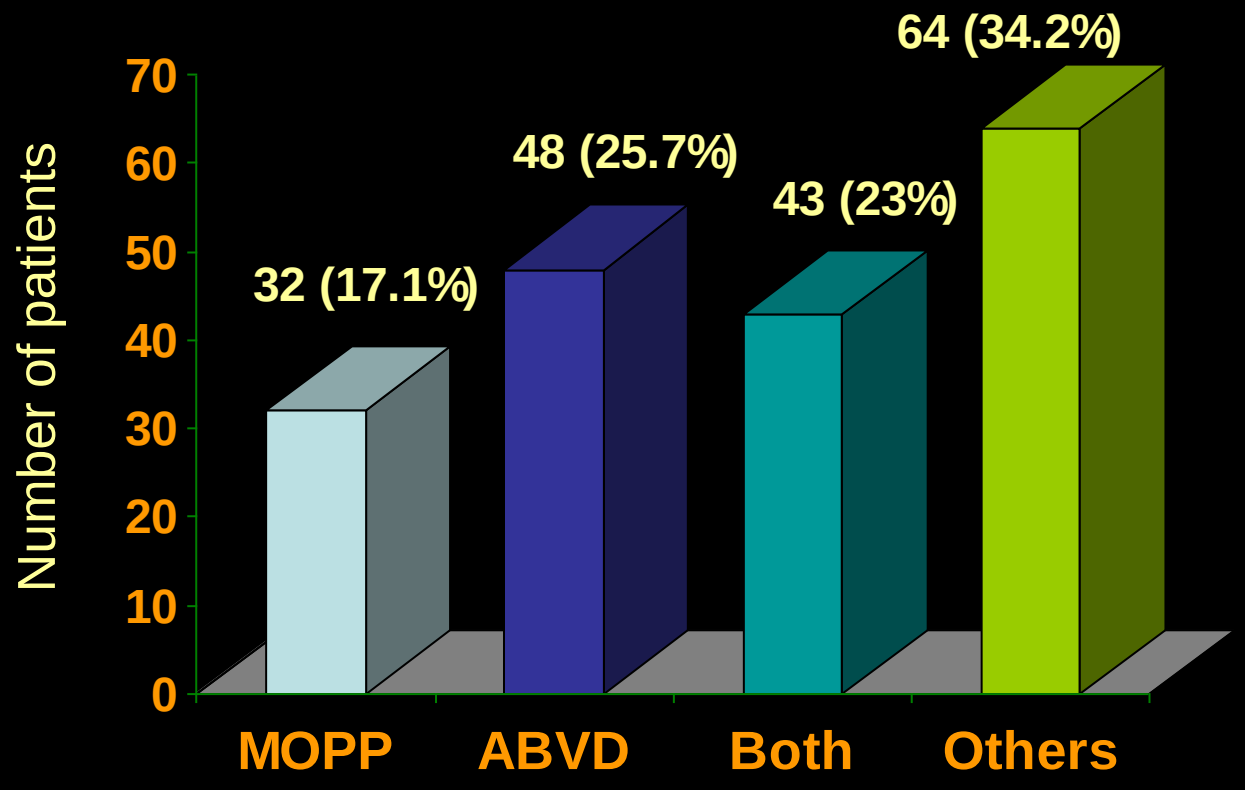
Outcome:


271
248 (91.5%)
23 (8.5%)
300
250
200
150
100
50
0
Number
Total
Treated
No-treated

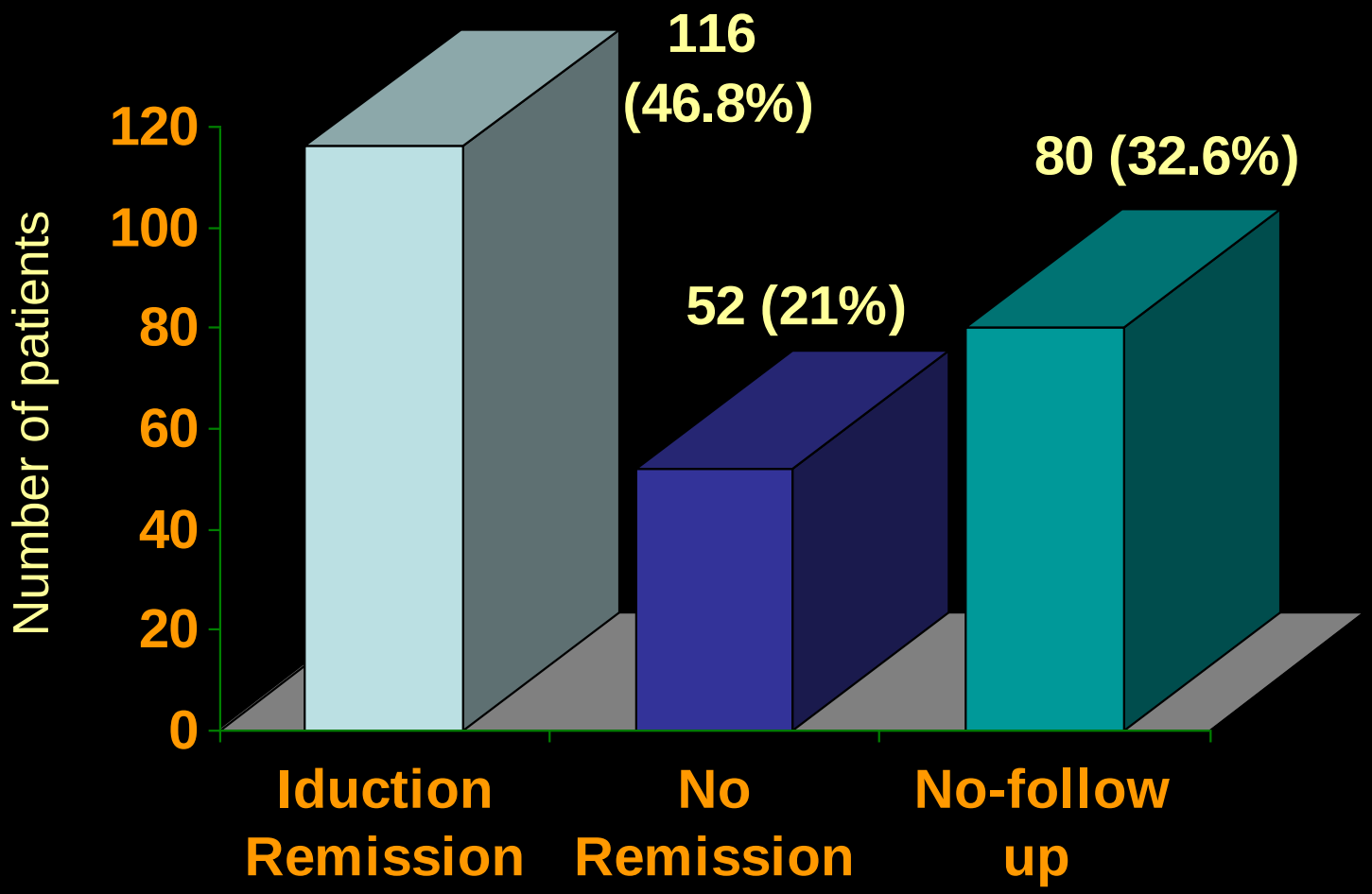
Modalities of Treatment: Initial therapy



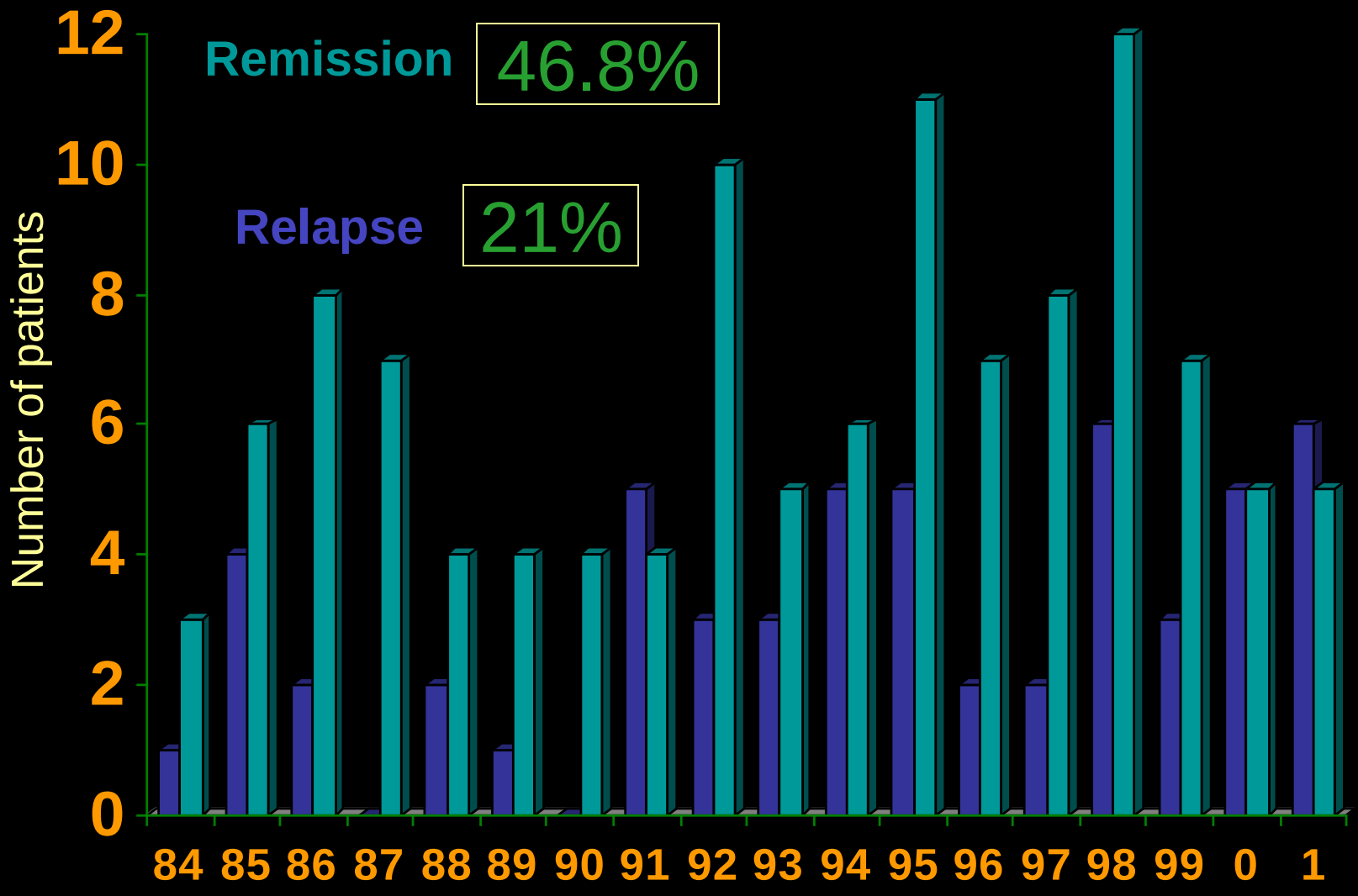
Modalities of Chemotherapy:



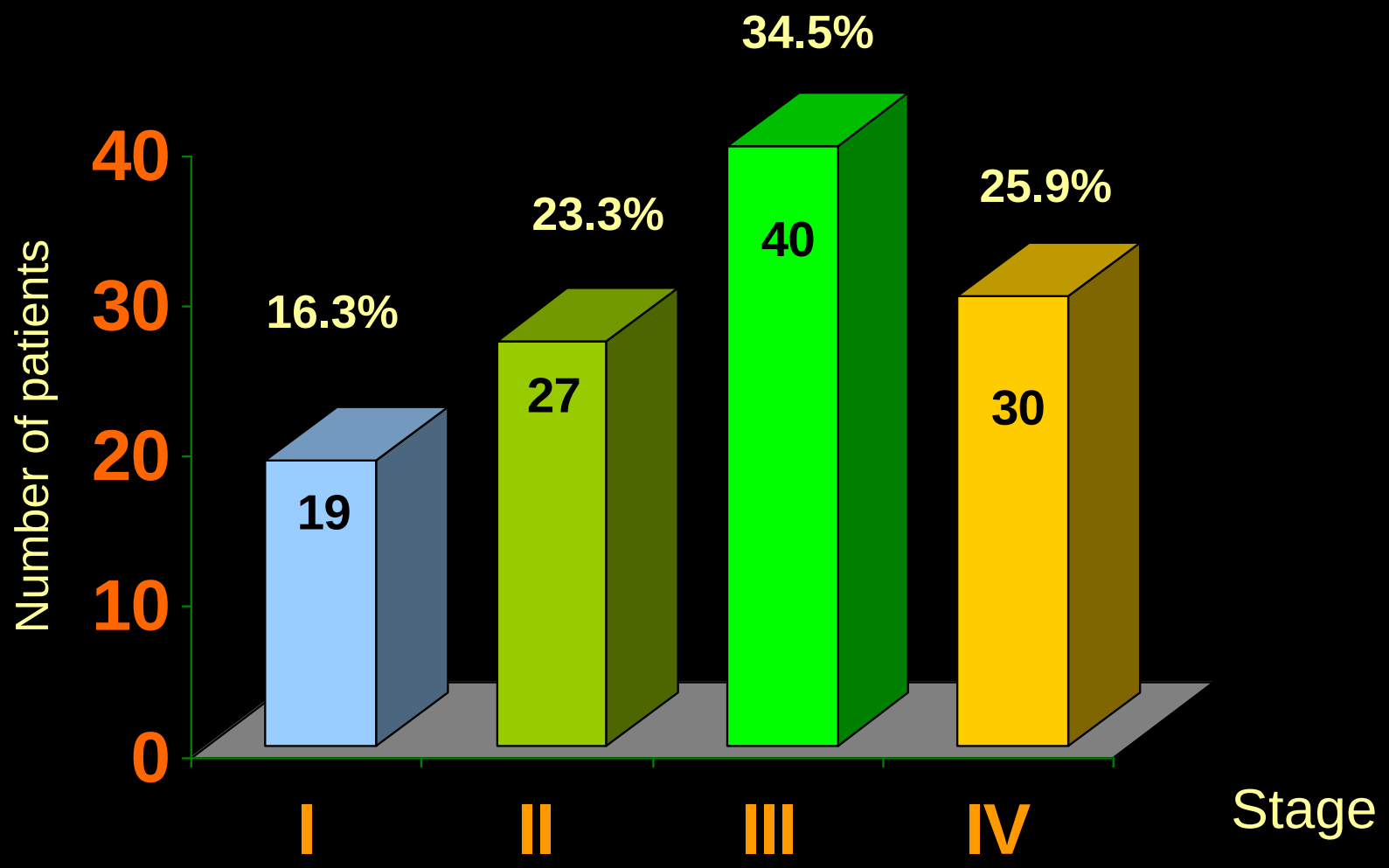
Remission:


Number of patients
120
100
80
60
40
20
0
116
(46.8%)
52 (21%)
80 (32.6%)
Iduction Remission
No Remission
No-follow up

Induction Remission OR Relapse:



Stage of Patients Induction Remission:



INDUCTION REMISSION

COMPLETE **47%**

PARTIAL ***21%***

5 Years Survival Rate

five years follow up was obtained in **116** patients.

- **84** (72.4%) Remained in Remission.
- **22** (27.6%) were not followed up.

:Conclusion

- H.D is a curable disease provided an early diagnosis, proper management and regular follow up.
- Better remission rate can be obtained by upgrading of the medical services.

Thank You