

Hodgkin's lymphoma and its mortality rate in Brazil



Melyssa Maria Fernandes da Rocha Nunes¹ Lucas Eliel Beserra Moura²

- 1. Discente do curso de medicina do Centro Universitário Christus- Fortaleza, Ceará
- 2. Discente do curso de medicina do Centro Universitário Christus Fortaleza, Ceará

Introduction

Hodgkin's lymphoma is a cancer in the lymphatic system, as the neoplasm progresses, the more difficult it is to fight it. In addition, individuals may have some symptoms characteristic of the disease, such as pain at the site of the lymphoma after drinking alcohol, night sweats, weight loss, pruritus, among others. Furthermore, the National Cancer Institute (INCA) estimates that for each year of the 2020/2022 triennium, 2,640 new cases of Hodgkin's lymphoma are diagnosed in Brazil (1,590 in men and 1,050 in women).

Objective and Methodology

This work seeks to analyze the epidemiological profile of mortality from Hodgkin's Lymphoma in Brazil. Refers to a descriptive cross-sectional study with secondary data obtained from the DATASUS database. Data were stratified by age group, gender, race and region and were subsequently crossed with population estimates to calculate mortality rates

Results

During the period from 2020 to 2015, mortality prevailed in the age group of 60 to 69 years, with an average of 512 deaths. Regarding the race, the most prevalent was the white race, with 43.46% more prevalent in the white race than in the brown race and 90.72% more than in the black race. When comparing gender, the prevalence in men is 23.80% more prevalent in males than in females. When comparing the regions, the Southeast has the highest mortality rate, representing 48.36% of the total number of deaths in the country. The region with the lowest rate was the Midwest with 6.82%.

Óbitos p/Residênc se	gundo Sexo
Categoria CID-10: C8	1 Doenc de Hodgkin
Período: 2015-2020	=
Periodo: 2015-2020	

	Óbitos p/Residênc
TOTAL	3.236
Masc	1.836
Fem	1.399
Ign	1

Fonte: MS/SVS/CGIAE - Sistema de Informações sobre Mortalidade - SIM

Óbitos p/Residênc segundo Faixa Etária Categoria CID-10: C81 Doenc de Hodgkin Período: 2015-2020

Faixa Etária	Óbitos p/Residênc
TOTAL	3.236
Menor 1 ano	1
1 a 4 anos	3
5 a 9 anos	12
10 a 14 anos	49
15 a 19 anos	124
20 a 29 anos	469
30 a 39 anos	467
40 a 49 anos	349
50 a 59 anos	410
60 a 69 anos	512
70 a 79 anos	503
80 anos e mais	337

Fonte: MS/SVS/CGIAE - Sistema de Informações sobre Mortalidade - SIM

Óbitos p/Residênc segundo Região Categoria CID-10: C81 Doenc de Hodgkin Período: 2015-2020

Região	Óbitos p/Residênc
TOTAL	3.236
1 Região Norte	181
2 Região Nordeste	691
3 Região Sudeste	1.565
4 Região Sul	578
5 Região Centro-Oeste	221
Fonte: MS/SVS/CGIAE - Sistema de Informações sobre Mortalidade - SIM	

Óbitos p/Residênc segundo Cor/raça Categoria CID-10: C81 Doenc de Hodgkin Período: 2015-2020

Cor/raça	Óbitos p/Residênc
TOTAL	3.236
Branca	1.875
Preta	174
Amarela	15
Parda	1.060
Indígena	5
Ignorado	107
Fonto: MS/SVS/CGIAE - Sistema de Informações sobre Mortalidade - SIM	

Conclusion

Therefore, it is possible to note the main factors that contribute to the death of this lymphoma. In addition, knowledge about the symptoms of the disease is necessary to quickly diagnose the neoplasm .

Contato

Email: melvssafernandes108@gmail.com

Telefone: (85) 99704-0925