

# Epidemiology of Hepatitis B in Paediatric Patients

G. Cordeiro Ferreira

Área Pediatria Médica

Hospital Dona Estefânia , CHLC



VHPB meeting  
Lisboa , 2010

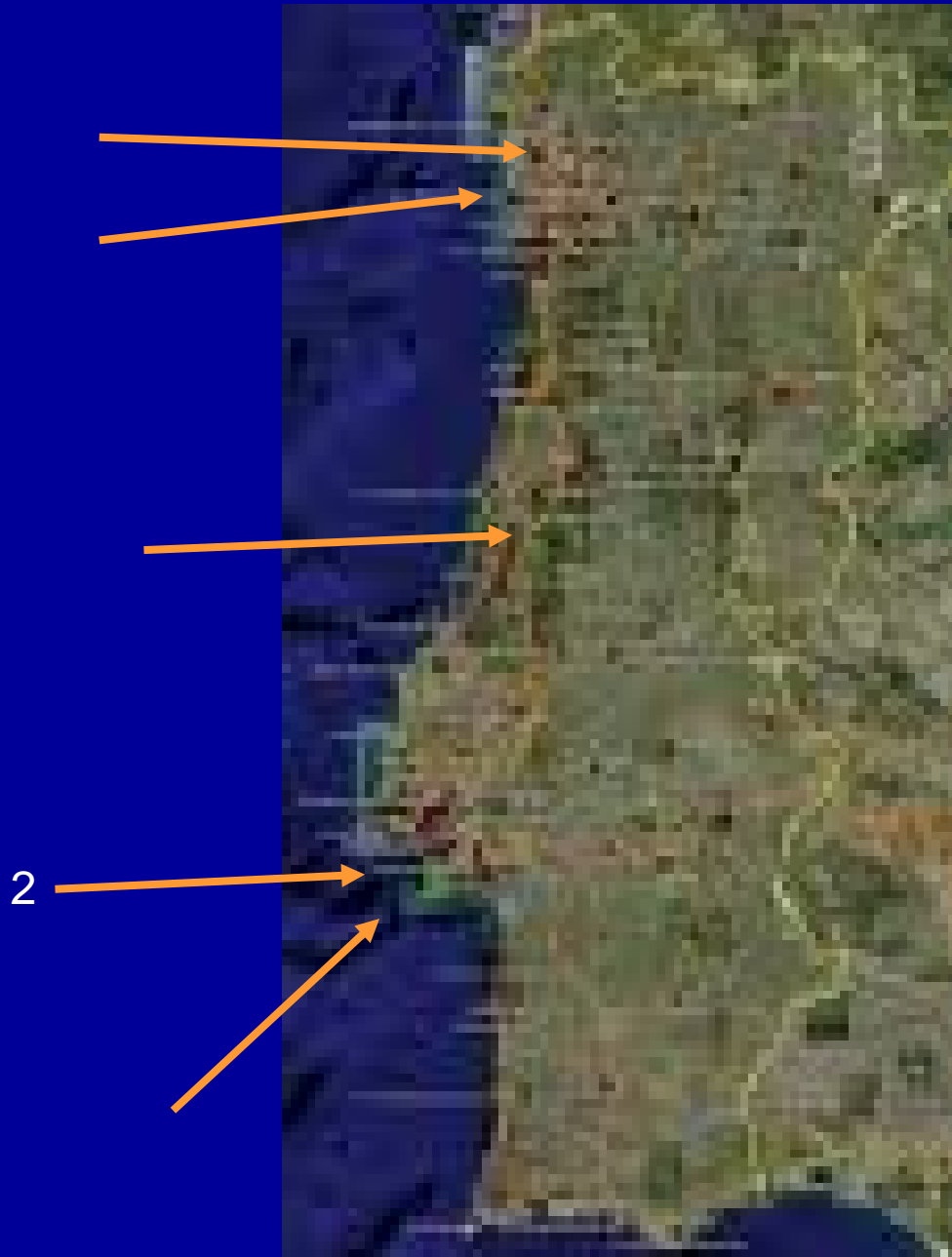
# Hepatitis B - Notifications

## REGIÕES E SUB-REGIÕES\*

	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>
<b>Norte</b>	<b>33</b>	<b>24</b>	<b>17</b>	<b>22</b>	<b>21</b>
<b>Centro</b>	<b>18</b>	<b>12</b>	<b>9</b>	<b>9</b>	<b>6</b>
<b>Lisboa e V. Tejo</b>	<b>31</b>	<b>50</b>	<b>11</b>	<b>20</b>	<b>18</b>
<b>Alentejo</b>	<b>5</b>	<b>4</b>	<b>2</b>	<b>3</b>	<b>1</b>
<b>Algarve</b>	<b>6</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>4</b>
<b>Açores</b>	<b>3</b>	<b>4</b>	<b>2</b>	<b>6</b>	<b>3</b>
<b>Madeira</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>2</b>	<b>-</b>
<b>Portugal</b>	<b>96</b>	<b>97</b>	<b>42</b>	<b>64</b>	<b>53</b>

## Hepatitis B – Notifications age groups

GRUPOS ETÁRIOS	2004		2005		2006		2007		2008	
	H	M	H	M	H	M	H	M	H	M
<1	1	1	-	-	-	-	-	-	-	-
1-4	1	-	-	1	-	1	-	-	2	-
5-14	1	3	1	1	1	-	1	1	2	-
15-24	8	6	6	9	2	2	2	5	4	4



Data from 6  
Paediatric  
Gastroenterology  
Units

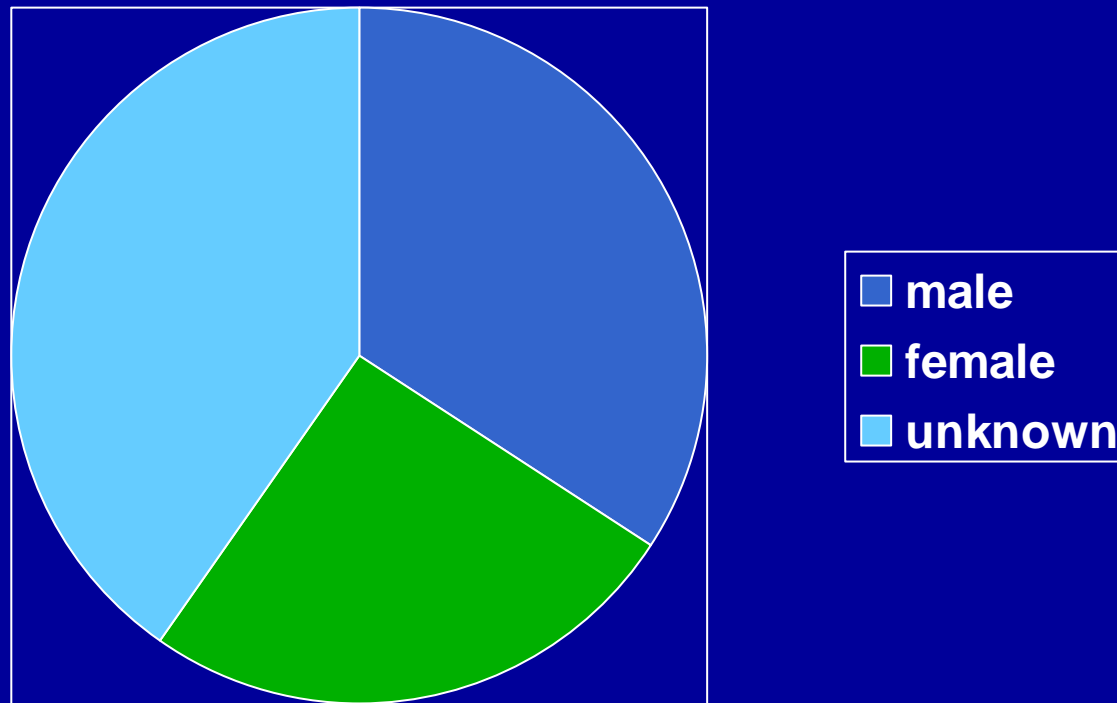
Chronic Hepatitis B  
Data from Paediatric GE units  
(6/8)

Patients in follow up : 114

Present age : 13,5 +/- 3,96 y (3y-22y)

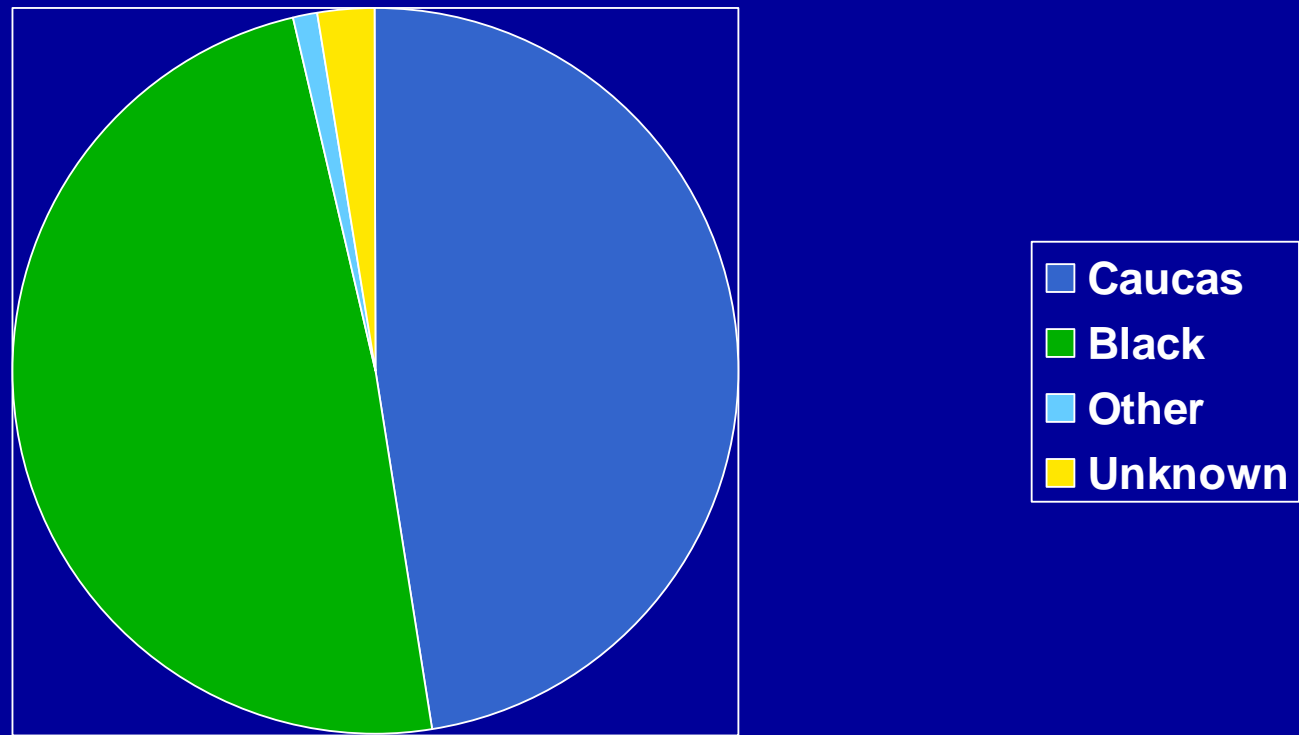
Age at diagnosis : 5,86 +/- 4,26 y (0,5y-16y)

Chronic Hepatitis B  
Data from Paediatric GE units  
(n=114)



Gender

Chronic Hepatitis B  
Data from Paediatric GE units  
(n=114)

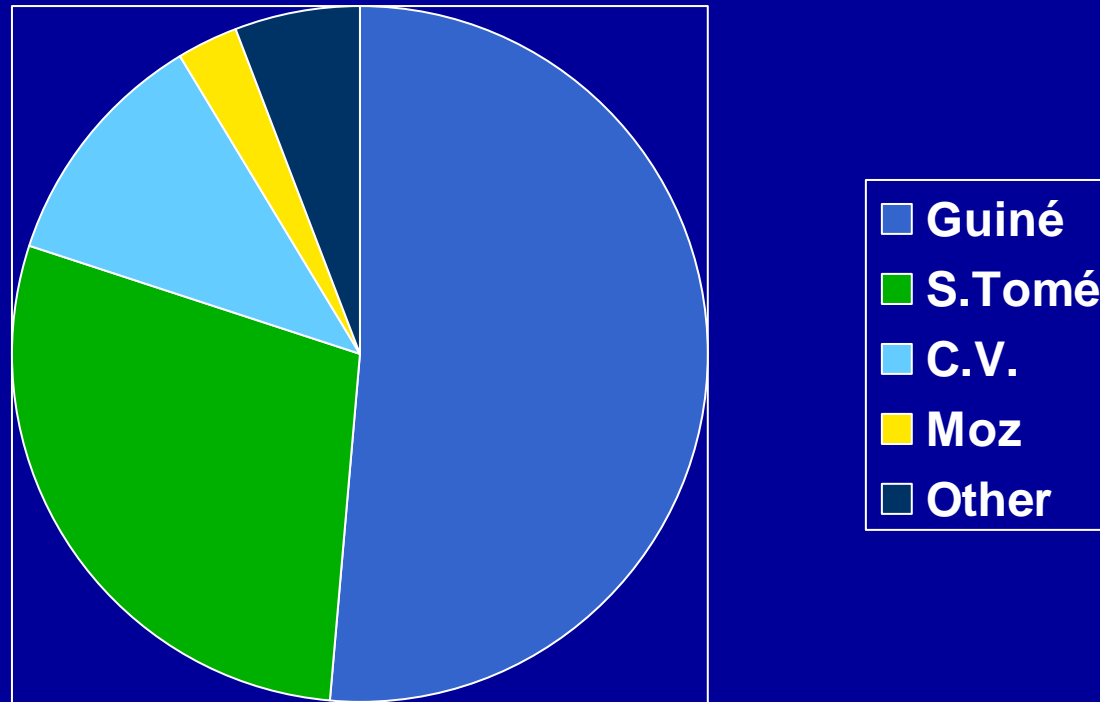


Ethnic origin

# Chronic Hepatitis B

## Data from Paediatric GE units

(n=114)

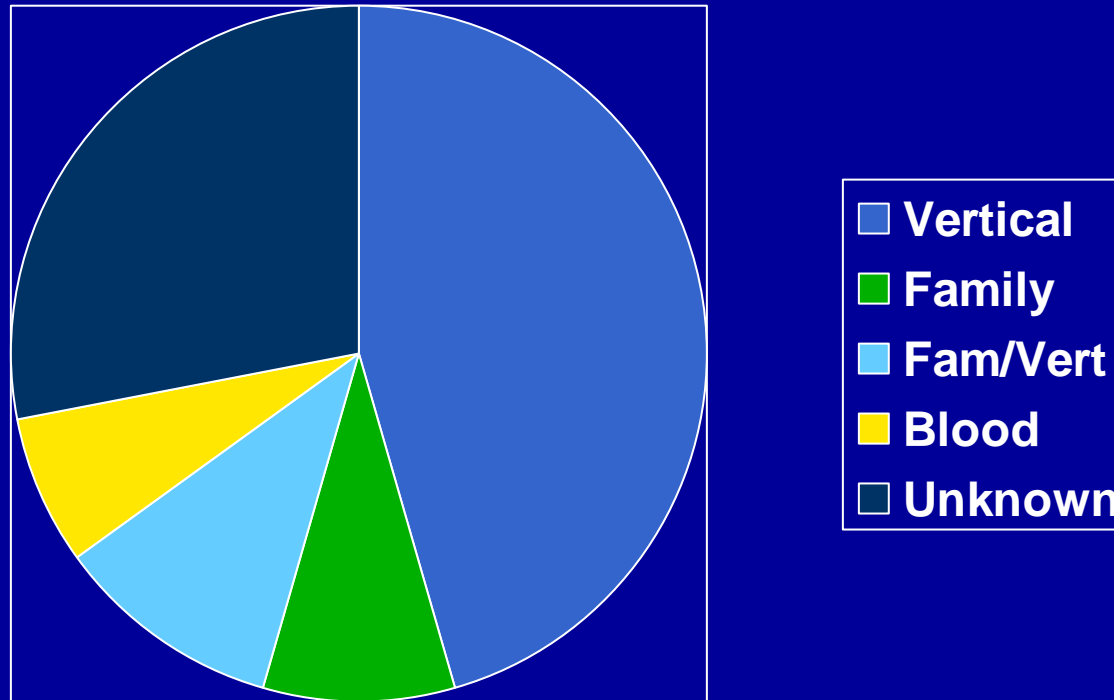


Origin of foreign patients



# Chronic Hepatitis B

## Data from Paediatric GE units (n=114)



Source of infection

Chronic Hepatitis B  
Data from Paediatric GE units  
(n=114)

Vaccinal escape / failure : 17

Genotypes :

A : 5

D : 6

E : 4

Chronic Hepatitis B  
Data from Paediatric GE units  
(n=114)

Treatment  
n=38 (33%)

Lamivudin : 18

Interferon a : 9

Inf/Lamivudin : 7

Lamivudin/Adefovir : 2

Adefovir : 2

Chronic Hepatitis B  
Data from Paediatric GE units  
(n=114)

Treatment outcomes

Complete response : sustained viraemia disappearance

Partial response : decreased viraemia and/or liver enzymes  
normalization

No response : no decrease in viraemia and  
abnormal liver enzymes

Chronic Hepatitis B  
Data from Paediatric GE units  
(n=114)

Treatment outcomes  
(n=38)

Complete response : 15

Partial response : 21

No response : 1

Lost : 1

## Special Thanks to

Henedina Antunes

Eunice Trindade

Isabel Gonçalves

Ana Isabel Lopes

Helena Loreto

Paula Mourato

José Cabral

Inês Pó

Filipa Santos

Helena Flores

Isabel Afonso

Maria Gomes Ferreira