

3<sup>e</sup> édition

# AFRAMED

VIH / HÉPATITES

CASABLANCA

du 27 | sept  
au 29 | 2019



MAROC

CASABLANCA

du 27 au 29

sept. 2019

3<sup>e</sup> édition

AFRAMED

VIH/Hépatites



# A global response to the Hepatitis B epidemic: the mauritanian experience



Dr Zahra FALL Malick  
National Institute of Hepatology-Virology  
**Nouakchott-Mauritania**

## CONTEXT

**Area : 1. 0 37 000 km<sup>2</sup>**

**Population : 3 893 775 M (2017)**

**0-14 Years old (40,4%)**

**Capitale : Nouakchott- 27% /pop.nat**

**Ressources : Mines, Fishing, and  
agro-pastoralisme**

**GPD / per capita : 1137 \$**

**Health Budget : (10%)**

**Growth rate : 2,77%**

**Life expectancy : 61,53 Years**

**Pop rate living below the poverty line: 31%**

**Health system : pyramidal type**

### References :

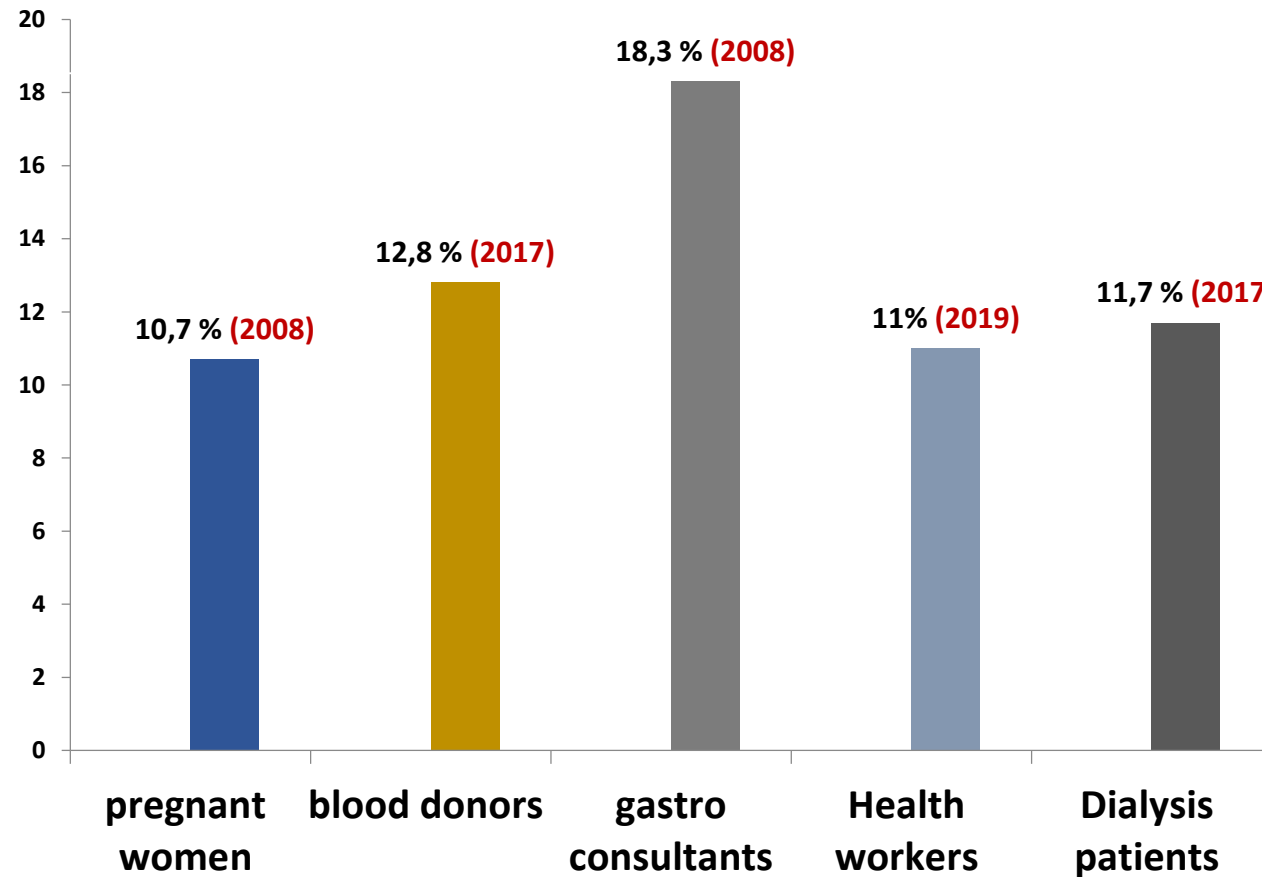
PNDS 2012-2020,

SCAPP : 2015-2030

PSN de lutte contre les Hépatites 2019-2021; PSN-  
VIH 2018-2021.



# INTRODUCTION



**Co-infection : B-Delta : 15 - 30%**

**Hepatitis B prevalence in different groups in Mauritania**

## RESPONSE (1)

**2005** : Introduction of HBV vaccine for neonates in **(PEV)**.

**2011** : Creation of National Program for Control of Hepatitis (**PNLH**)  
: free access to **Tenofovir Diproxyl Fumarate and Pegylated IFN.**

**2014** :

- **Introduction of HBV birth dose vaccine** (within the 1st 24H) in **(PEV)**.

- **Creation of the Nat Inst of Hepatology-Virology**

- **S**

## RESPONSE (2)

### Creation of National Institute of Hepatology Virology (INHV)

(Cost = **6,5 Millions \$**) : National funding

#### MISSIONS

1. Prevention (Public health Department).
2. Medical care
3. Training and research.
4. Coordination of national response.

## RESPONSE (3)

1. Development and validation of technical documents (Prevention, diagnosis and Therapeutic treatment HBV)
1. Screening and treatment of HCV / dialyses patients (**National level**) : Prév (7.2% ; n=528)
  - Viral Load /12W** : Indétec. (n=34 ; 100%),
  - Viral Load /24 Weeks** : (n=34 ; 100%).
3. Screening, vaccination and therapeutic treatment / health workers (5139) **Prev. (Ag HBs) : 11%**
  - vaccination (2004 pers)**

## RESPONSE (4)

**2018** : Integration of Systematic screening for HBsAg in the prenatal consultations

**2018** : Universal health insurance.

### In Progress

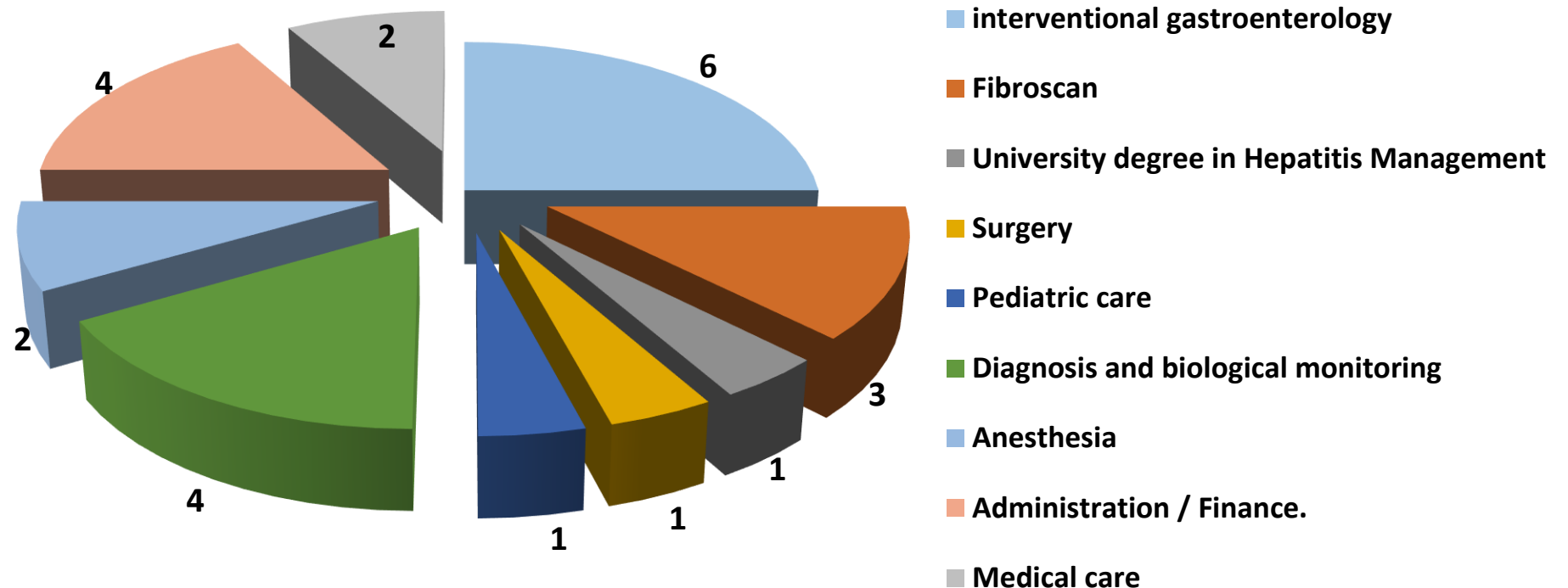
**2018** : Demographic and Health Surveys (DHS)+ **(Hepatitis B markers)**.

**2019** : Advocacy for the National Elimination plan of Hepatitis B and C

**2019** : National strategy to fight viral hepatitis in Mauritania (2019 - 2021) and operative plan (2019) focused on high-impact activities targeting pregnant women and newborns, key populations and areas, adolescents, health workers, etc.



# TRAINING



Number and distribution of trained providers by domain (n = 24 pers.)

# INTERNATIONAL AND NATIONAL RELATIONS

## NORTH

- ANRS
- AP-HP
- Merieux Fondation
- IP-Paris
- UHC (Angers, Orléans)
- CDC Atlanta, Columbia University (USA)
- Principality of Spain Cooperation/ Navarre University
- Principality of Monaco Cooperation....

## SOUTH

- MOROCCO
- ALGERIA
- TUNISIA
- EGYPT
- SENEGAL
- MALI
- COTE D'IVOIRE
- ....

- National Program for Vaccinations (**PEV**)
- National Secretary for AIDS Control (**SENLS**)
- National Program for Reproductive Health (**PNSR**)
- National Instit for Research in Public Health (**INRSP**)-
- Univ Nouakchott (**Medicine, Sciences**)

## The different sectors of activity of the National Institute of Hepatovirology



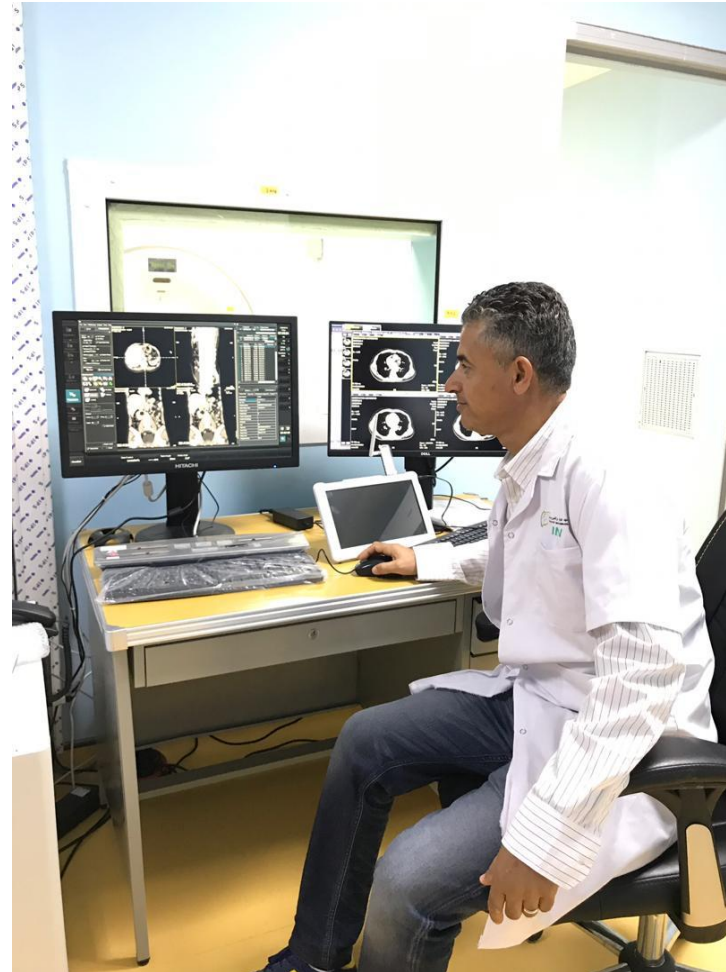
## Public Health Service and Consulting service



## Laboratory Services: Serology/Virology, Biochemistry, Hematology, Bacteriology, Molecular Biology



## Medical Imaging Service



## Hepato-gastroenterology service:



## Surgery Service





## Hospitalization Service



## Research and International Relations



## CONCLUSION

**C**hiffres préoccupants

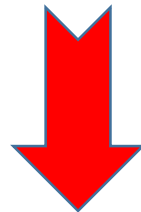
Worrying statistics

**R**iposte adaptée

Adapted response

**I**nitiative Unique

Unique Initiative



**Creation of National Institute of Hepatology-Virology**



المعهد الوطني للأمراض الكبدية والفيروسات  
INSTITUT NATIONAL D'HEPATO-UIROLOGIE

**SOCIETE Mauritanienne des Industries et Mines (SNIM)**

**Thank  
You**