

2017
10th PARIS
HEPATOLOGY
CONFERENCE

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WELCOME

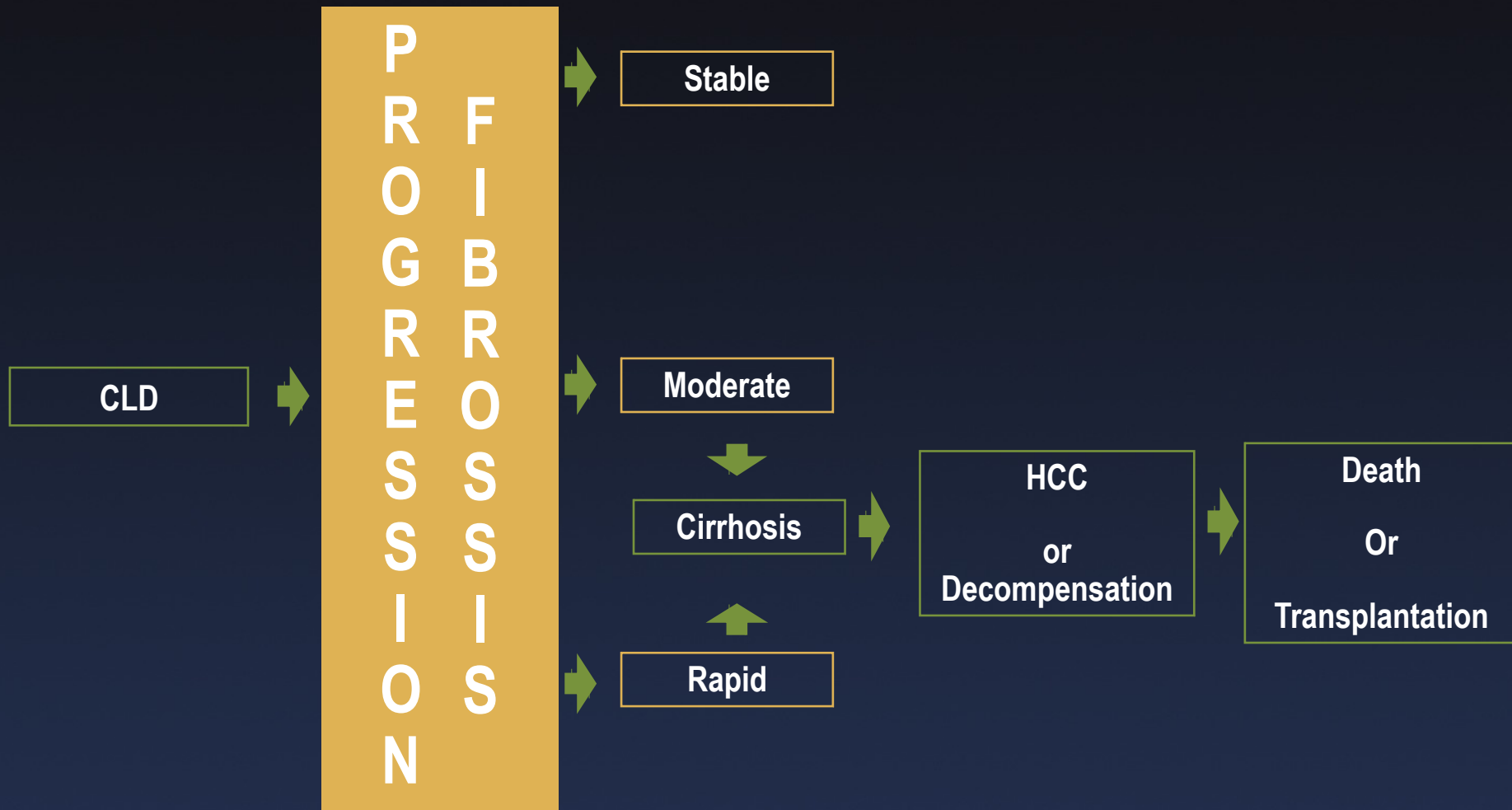
Happy New Year 2017

**Chronic Liver Diseases:
a Huge and Neglected
Public Health Burden
Needing Urgent Actions**

Sources

- World Health Organization World Health Statistics 2010. Geneva, World Health Organization, 2010
- Hirschfield GM, et al. Liver disease in the UK. Lancet. 2015 Feb 7;385(9967):503.
- World Gastroenterology Organization Global Guidelines. Non-alcoholic Fatty Liver Disease and Non-alcoholic Steatopatitis: http://www.worldgastroenterology.org/assets/export/userfiles/2012_NASH%20and%20NAFLD_Final_long.pdf
- More than 350 publications screens

Natural History of CLD: Fibrogenesis is the Key



To develop cirrhosis and / or HCC: cofactors are essentials

Cofactors Influencing the Progression of Fibrosis

External:

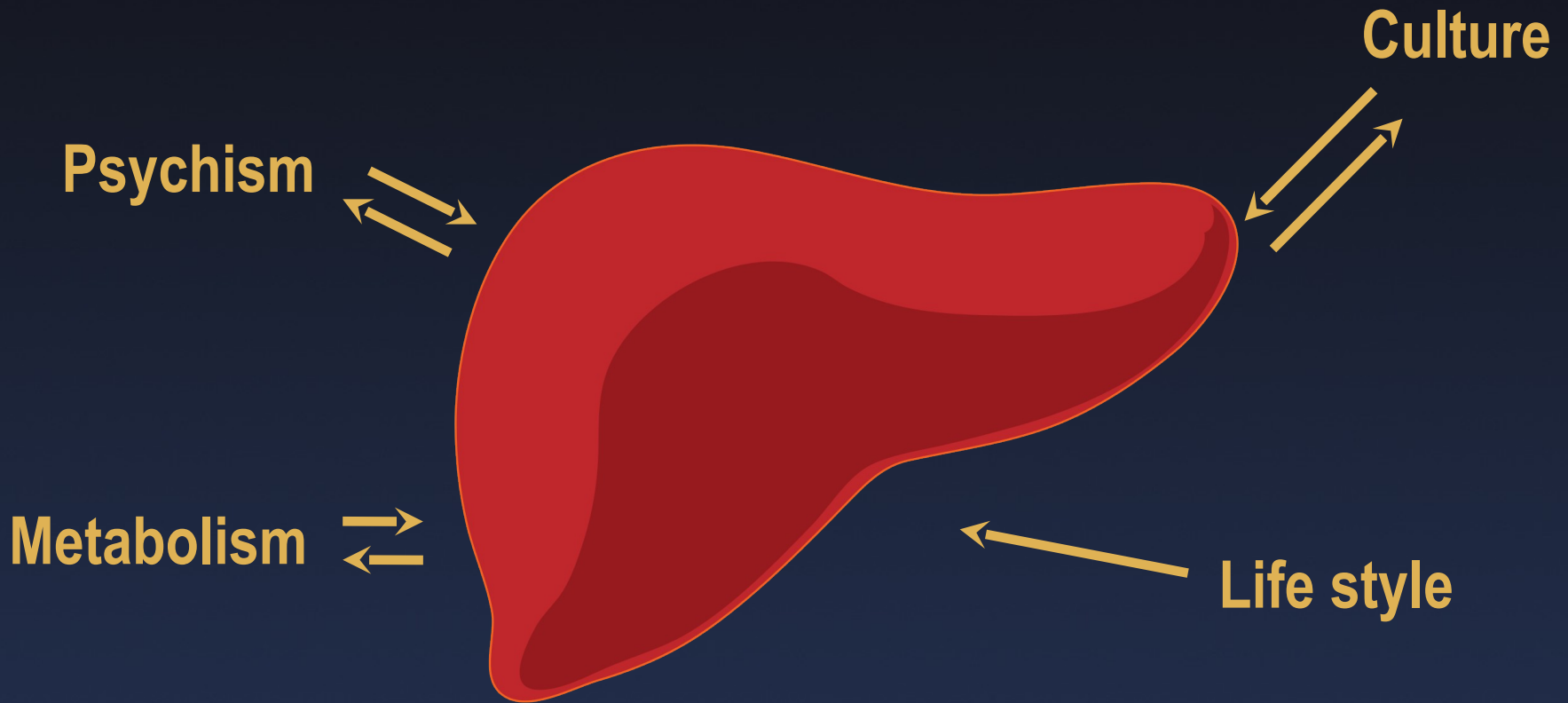
- viruses
- coinfection with HIV & HBV and / or HCV
- alcohol

Internal:

- metabolism
- genetic

The Liver: Silent Reflect of Health Status

Societal factors



Liver abnormalities: alarm signal for health problems

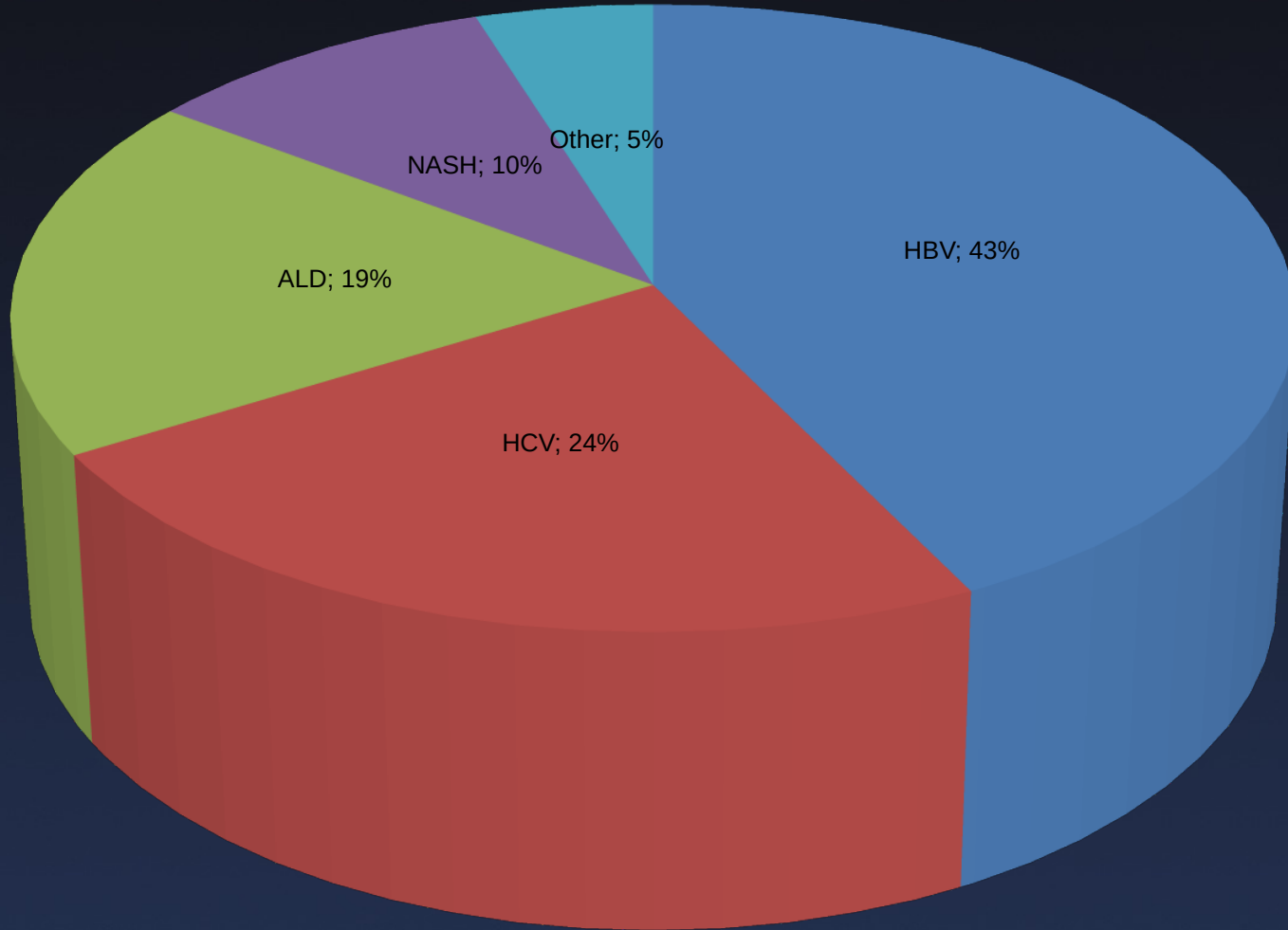
Global Burden of Chronic Liver Disease (CLD)

- **Prevalence of CLD Worldwide: 18,5%**
- **Total number with CLD: 844 -1,130 millions**
- **Prevalence of cirrhosis: 4.5% to 9.5%**
- **Annual incidence of HCC: 5.6%**

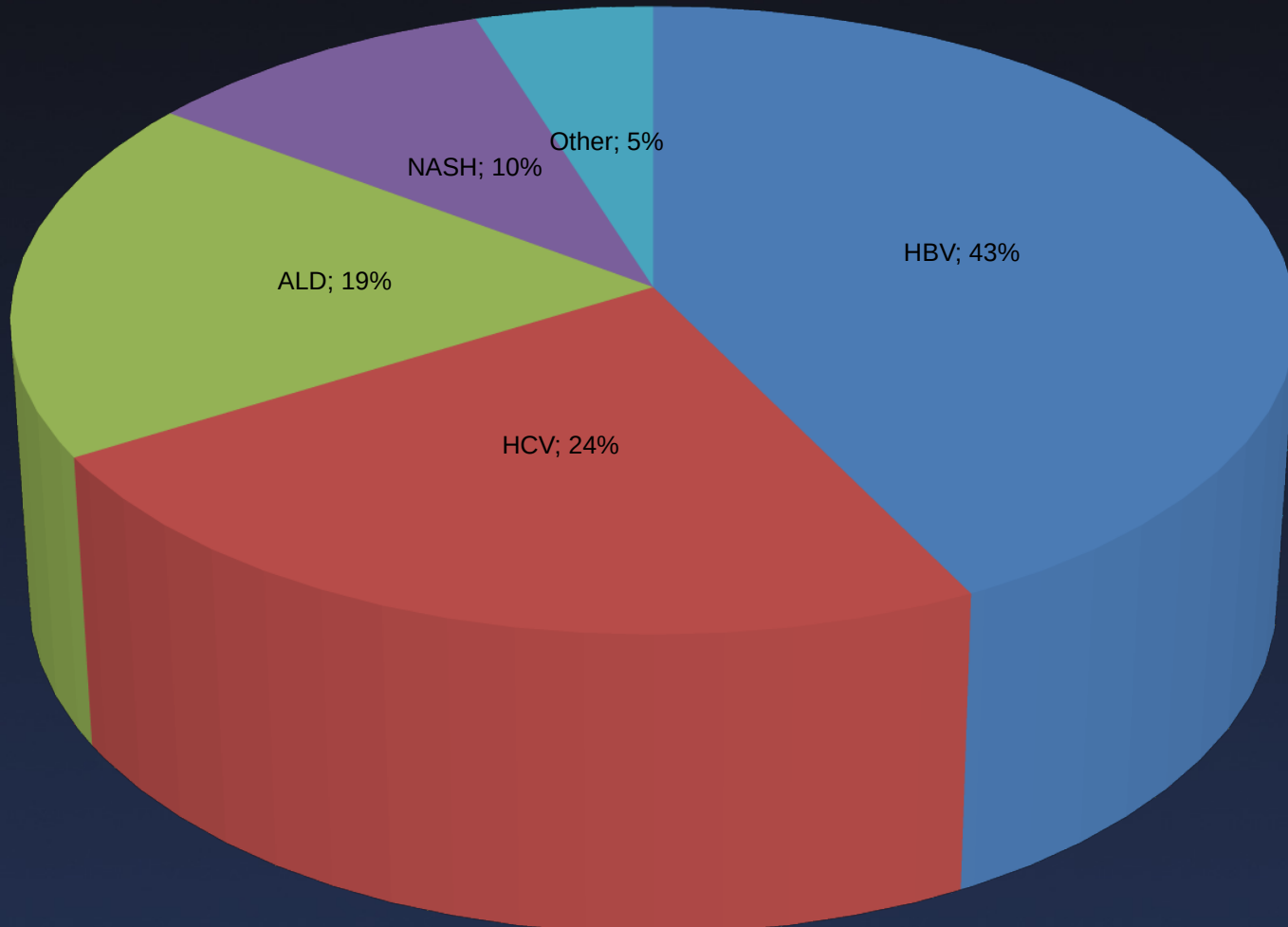
Global Burden of Chronic Liver Disease (CLD)

- Mortality per year among chronic diseases: **59%**
- Mortality per year: **2 millions**
- HCC among the most common cancers: **6th**
- Liver transplantations per year: **26,150**

Distribution of Causes of CLD

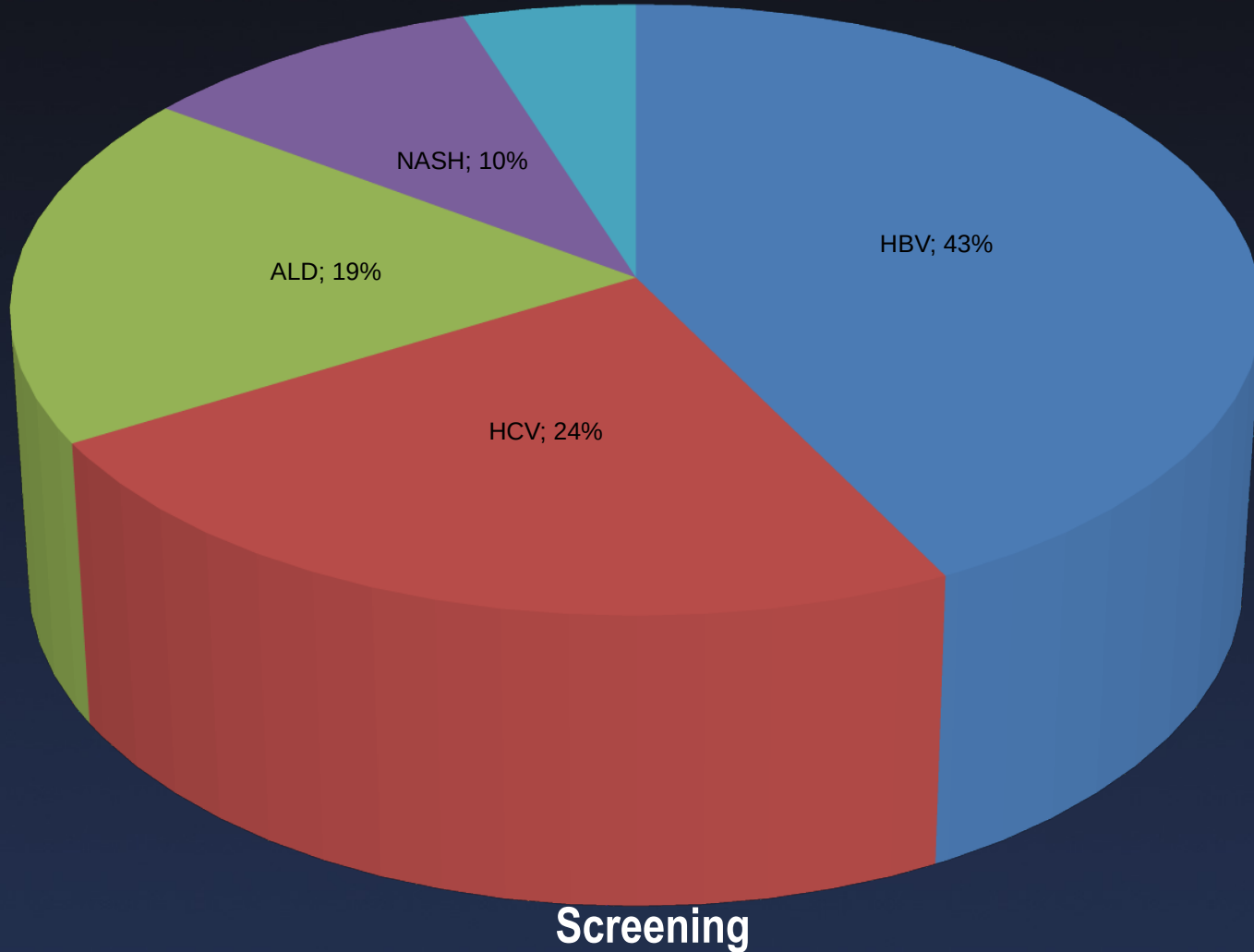


Number of Patients with CLD

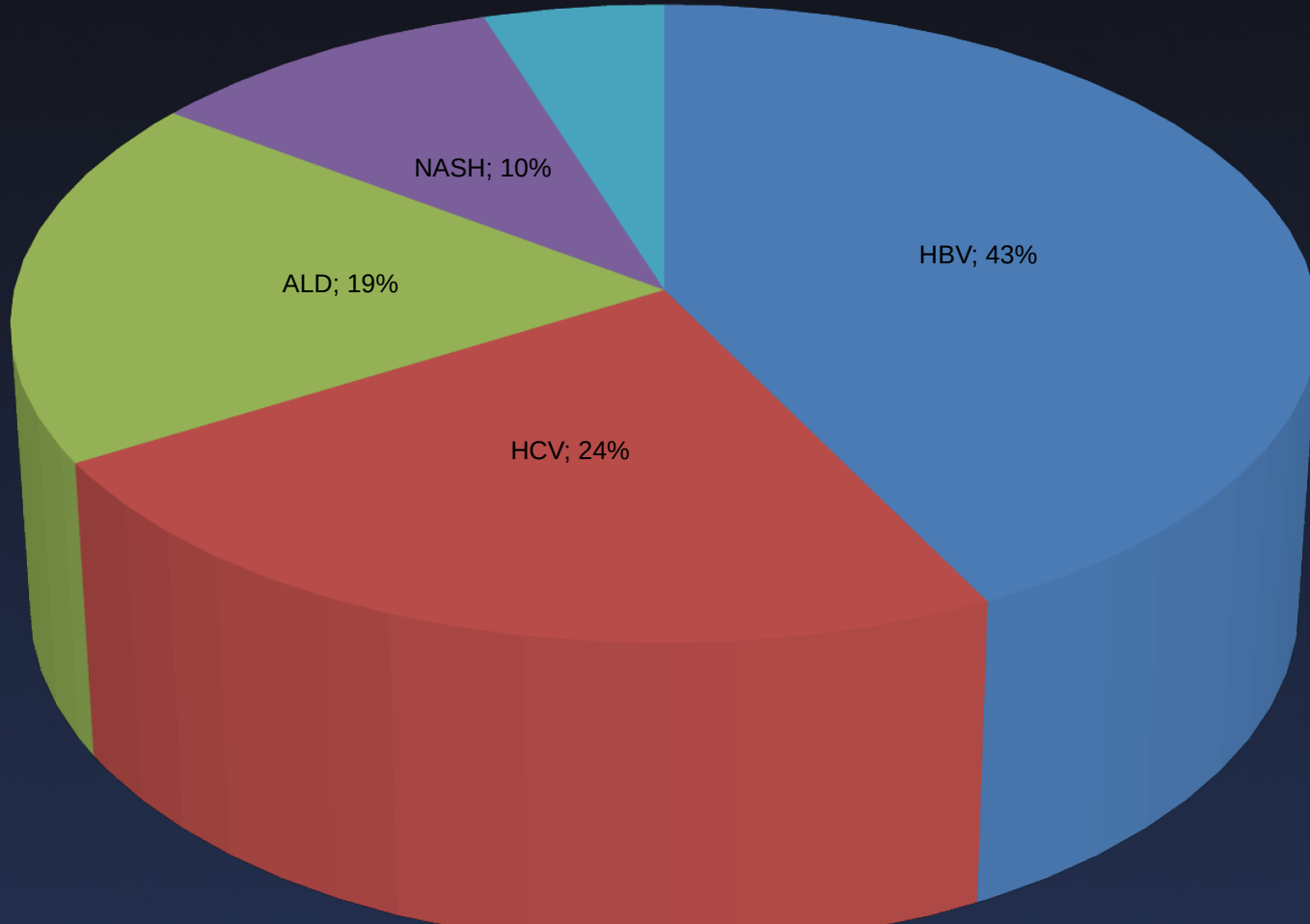


Estimation worldwide: 844-1,130 millions

Chronic Liver Disease and Prevention

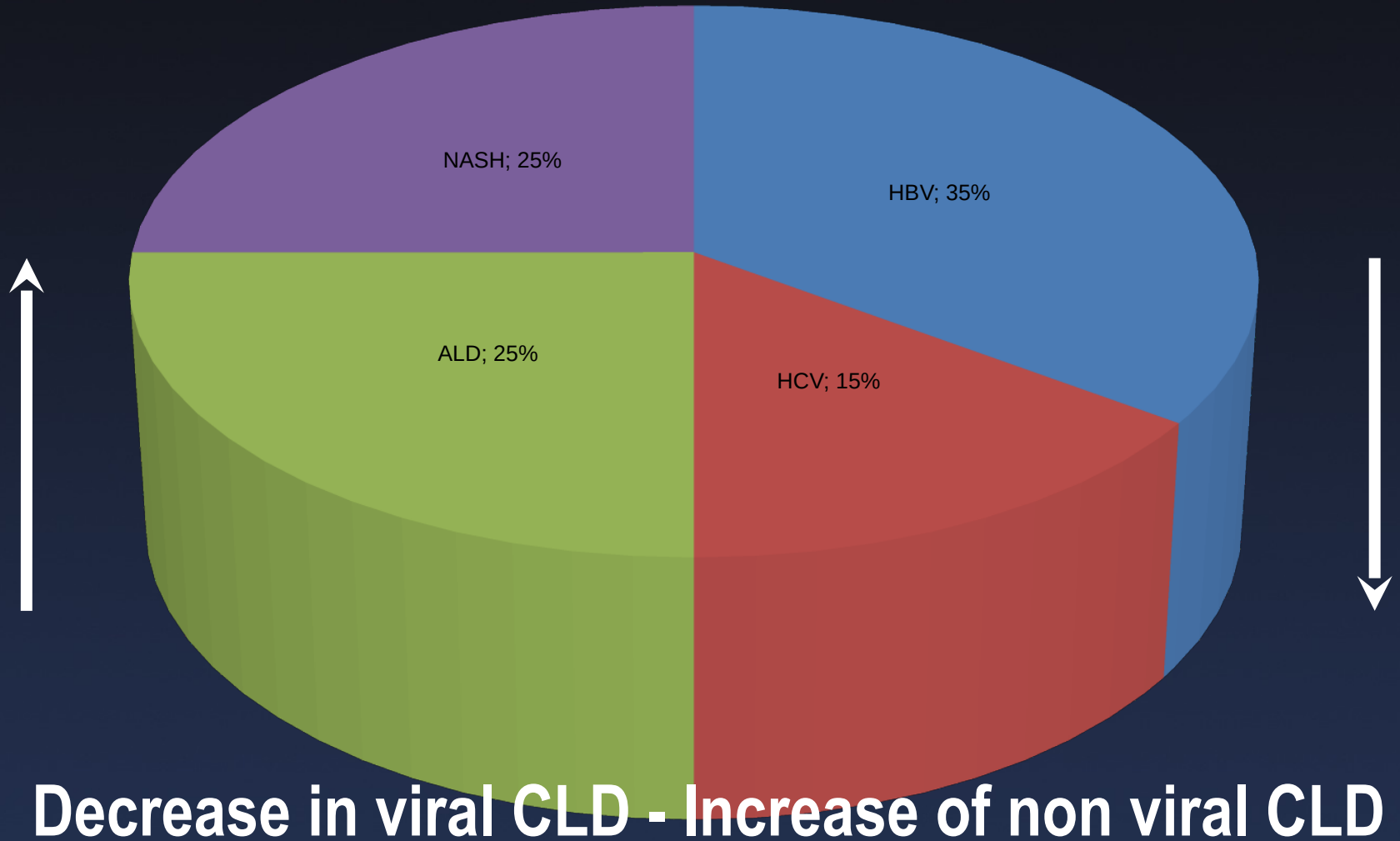


Chronic Liver Disease and Treatment

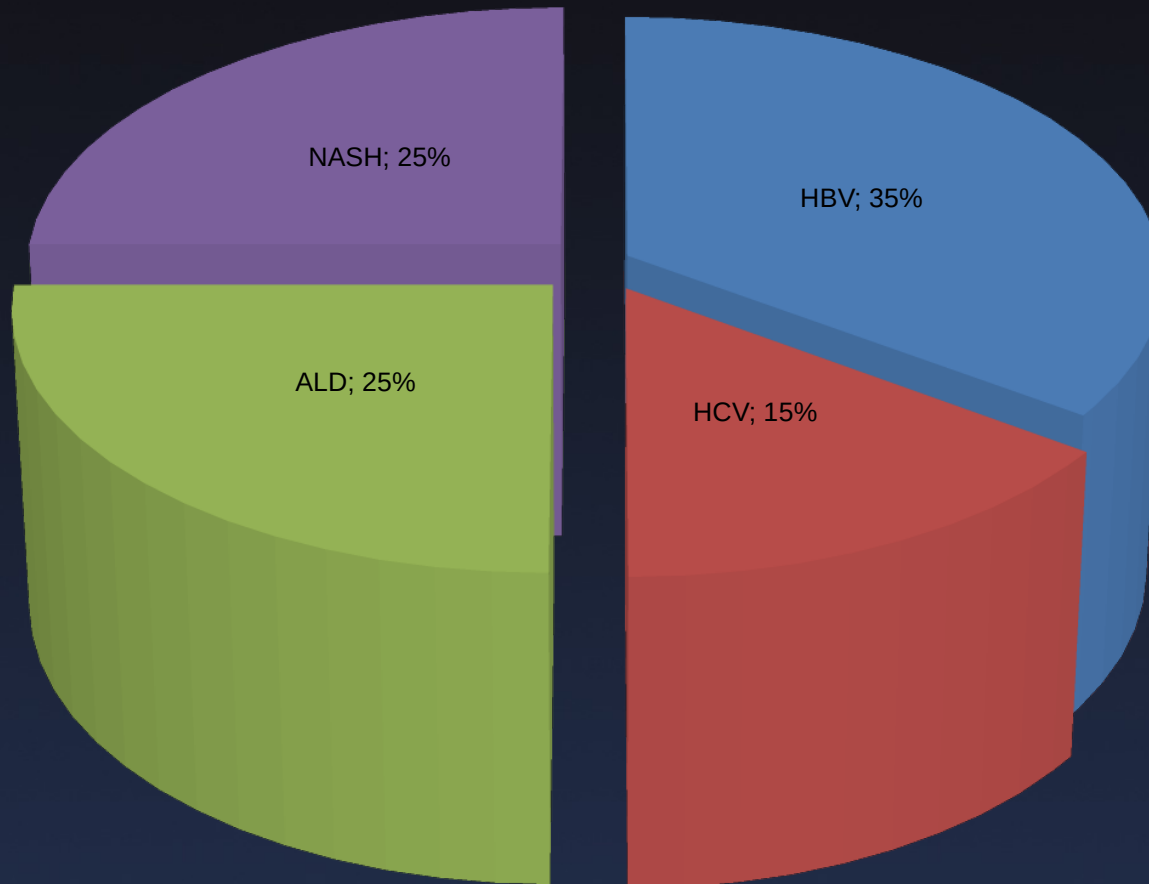


Treatment for ALD & NASH

Distribution of Causes in the Future (10 years?) Hypothesis



Chronic Liver Disease: the Future



Screening

The Next Challenges

Viral CLDs (HBV and HCV)

- Prevention, vaccination
- Screening: 45% to 85% of HCV patients undiagnosed
- New drugs (combos) to cure HBV
- Access to treatment

Life style CLDs (ALD and NASH)

- Awareness
- Screening
- Education
- Research on therapy +++

Urgent Actions

- Awareness of Public Health authorities
- Awareness & education of Physicians & Public
- Research focused on ALD and NASH: need drugs

Research on fibrogenesis

Major Action

UNIVERSAL SCREENING FOR CLD

Simple and cheap available tests: AST, ALT, GGT

Develop new simple and cheap tests

more sensitive and specific

« Liver is the place of Soul »

Confucius