



# Upbile <sup>150</sup>/<sub>300</sub>

The Liver Guardian

Ursodeoxycholic Acid 150mg & 300mg

# The Toxic Bile Burden

Chronic liver diseases often start with the accumulation of toxic bile acids.



## Hepatotoxicity

Hydrophobic bile acids damage liver cell membranes.



## Cholestasis

Impaired bile flow leads to inflammation and fibrosis.



## Gallstones

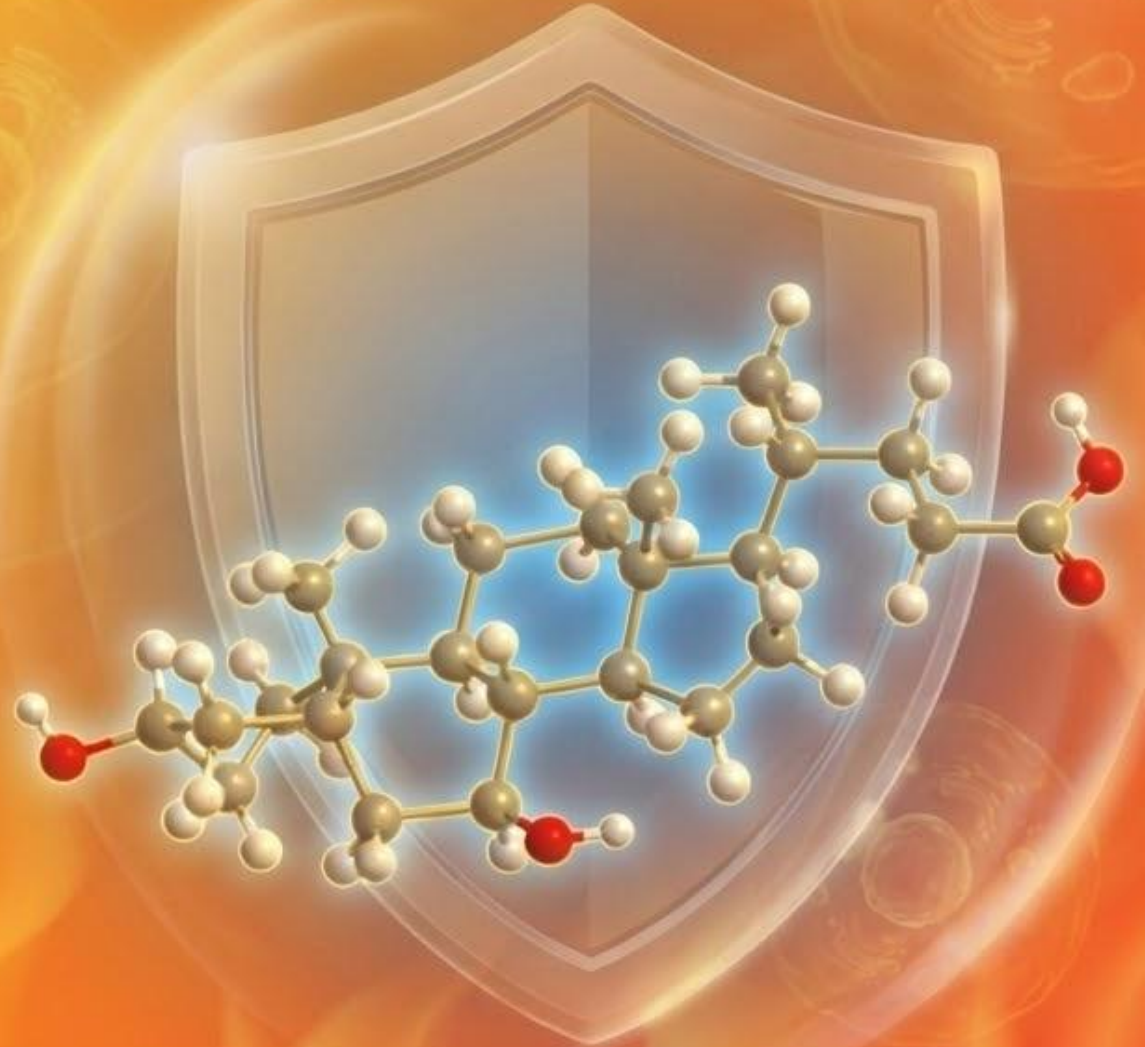
Bile supersaturated with cholesterol forms stones.

# Introducing Upbile

## The Hydrophilic Advantage

Upbile (UDCA) is a non-toxic, hydrophilic bile acid that replaces the toxic pool.

**Cytoprotection:** It stabilizes hepatocyte membranes and prevents cell death (apoptosis).





# Triple Mechanism of Action



## Cytoprotection

Displaces toxic bile acids,  
protecting the liver cells from  
damage.



## Choleretic

Stimulates bile secretion,  
improving flow and reducing  
cholestasis.



## Anti-Apoptotic

Inhibits mitochondrial membrane  
permeability transition,  
preventing cell death.



# Dissolution of Gallstones

## Non-Surgical Solution

Upbile effectively dissolves radiolucent cholesterol gallstones.



### Desaturation

Reduces biliary cholesterol saturation.



### Dissolution

Promotes liquid crystal formation, gradually dissolving the stones.



### Prevention

Prevents recurrence after dissolution.





# Fatty Liver (NAFLD/NASH)

## Improving Liver Function

In Non-Alcoholic Fatty Liver Disease, Upbile helps by:



### Lowering Enzymes

Significantly reduces elevated ALT, AST, and GGT levels.



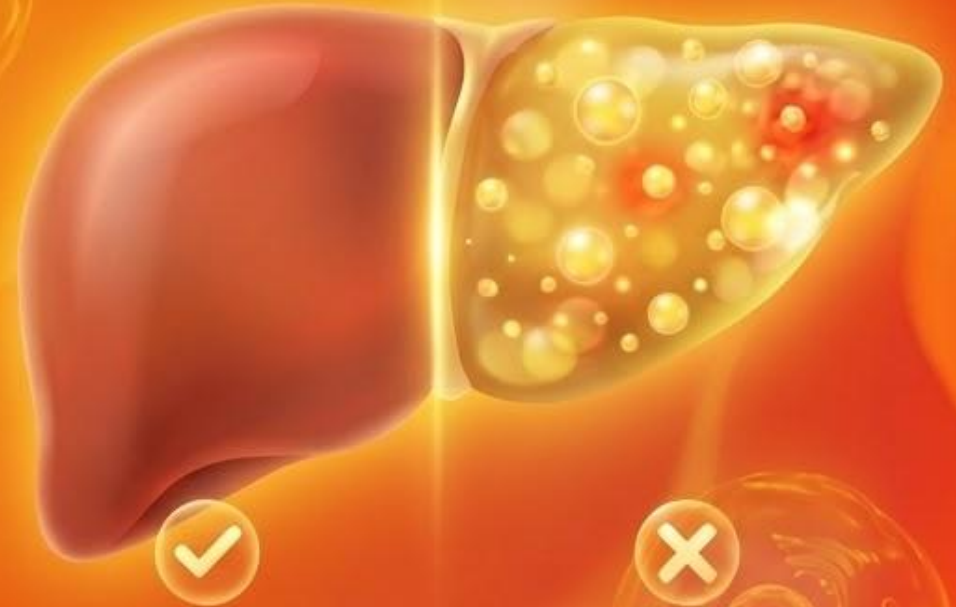
### Reducing Inflammation

Exhibits anti-inflammatory and immunomodulatory effects.



### Weight Loss Adjunct

Prevents gallstone formation during rapid weight loss.



HEALTHY LIVER

UNHEALTHY LIVER



# Primary Biliary Cholangitis (PBC)

## First-Line Therapy

Urbile (UDCA) is the only FDA-approved first-line therapy for PBC.



### **Delays Progression**

Slows the progression of the disease to cirrhosis.



### **Improves Survival**

Increases transplant-free survival rates.



### **Biochemical Response**

Normalizes liver biochemistry markers.





# Flexible Dosing: 150 & 300

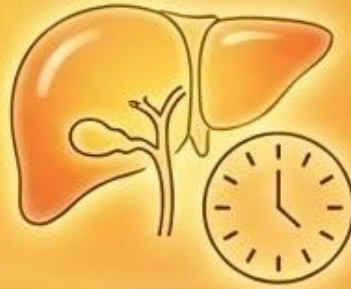
Available in **150mg** (for initiation/titration) and **300mg** (for maintenance/high dose).



## Gallstone Dissolution

**Dose:** 8 - 10 mg/kg/day

**Admin:** Usually at bedtime.



## PBC / Cholestasis

**Dose:** 13 - 15 mg/kg/day

**Admin:** Divided doses  
(2-4 times/day).



## Fatty Liver (NASH)

**Dose:** 13 - 15 mg/kg/day

**Admin:** Divided doses.





# Why Upbile?



## Flexible Strength

150mg & 300mg options ensure precise weight-based dosing.



## Quality Assurance

High-purity UDCA for maximum bioavailability.



## Patient Compliance

Small, easy-to-swallow tablets.





# Thank You

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Upbile: Protecting the Liver, Restoring Life.