

The algorithm of the pathogenetic treatment of symptomatic (with biliary pain) biliary diseases with celecoxib and ursodeoxycholic acid (UDCA)

1. Treatment of gallbladder dysfunction (with biliary pain) and prophylaxis of chronic acalculous cholecystitis without biliary sludge – celecoxib – 100 mg 2 times per day – 5-7 days, next UDCA – 750 mg 1 time before going to bed – 14 days. Effectiveness of this treatment is 95% and a prolongation of remission period up to 18-24 months.
2. Treatment of chronic acalculous cholecystitis without biliary sludge (with biliary pain) and prophylaxis of chronic acalculous cholecystitis with biliary sludge, duodeno-gastral reflux, antral atrophic (bile-acid-dependent) gastritis and biliary pancreatitis – celecoxib – 100 mg 2 times per day – 5-7 days, next UDCA – 750 mg 1 time before going to bed – 30 days. Effectiveness of this treatment is 95% and a prolongation of remission period up to 18-24 months.
3. Treatment of chronic acalculous cholecystitis with biliary sludge (with biliary pain) and prophylaxis of chronic calculous cholecystitis, duodeno-gastral reflux, antral atrophic (bile-acid-dependent) gastritis and biliary pancreatitis – celecoxib – 100 mg 2 times per day – 5-7 days, next UDCA – 750 mg 1 time before going to bed – 2 months. Effectiveness of this treatment is 95% and a prolongation of remission period up to 19.3±2.1 months.
4. Treatment of chronic calculous cholecystitis (with biliary pain) and prophylaxis of acute calculous cholecystitis, duodeno-gastral reflux, antral atrophic (bile-acid-dependent) gastritis and biliary pancreatitis – celecoxib – 100 mg 2 times per day – 5-7 days, next UDCA – 750 mg 1 time before going to bed – 3 months. Effectiveness of this treatment is 95% and a prolongation of remission period up to 18-24 months.
5. Treatment of patients after cholecystectomy (with biliary pain) (postcholecystectomy syndrome, dysfunction of Oddi's sphincter ("biliary" type or "pancreatic" type or "mixed" type) or incompetence of Oddi's sphincter) and prophylaxis of choledocholithiasis, duodeno-gastral reflux, antral atrophic (bile-acid-dependent) gastritis and biliary pancreatitis – celecoxib – 100 mg 2 times per day – 5-7 days, next UDCA – 750 mg 1 time before going to bed – 2 months. Effectiveness of this treatment is 95% and a prolongation of remission period up to 18-24 months.
6. Treatment of duodeno-gastral reflux and antral atrophic (bile-acid-dependent) gastritis (with biliary pain) (incompetence of Oddi's sphincter) – celecoxib – 100 mg 2 times per day – 5 days, next UDCA – 750 mg 1 time before going to bed – 14 days. Estimated effectiveness of this treatment is 90-95% and a prolongation of remission period up to 18-24 months.
7. Treatment of biliary (bile-acid-dependent) pancreatitis (with biliary pain) (dysfunction of Oddi's sphincter – "pancreatic" type or "mixed" type) – celecoxib – 100 mg 2 times per day – 7-10 days, next UDCA – 750 mg 1 time before going to bed – 30 days. Estimated effectiveness of this treatment is 90-95% and a prolongation of remission period up to 18-24 months.

The pathogenetic correction of metabolic and morpho-functional disturbances in the gallbladder and liver in patients with gallbladder dysfunction helps decrease the risk of appearance of the chronic acalculous cholecystitis, in patients with chronic acalculous cholecystitis helps decrease the risk of appearance of the chronic calculous cholecystitis, in patients with chronic calculous cholecystitis helps decrease the risk of appearance of the acute calculous cholecystitis, in patients after cholecystectomy helps decrease the risk of appearance of the choledocholithiasis.

This algorithm of pathogenetic treatment will help diminish the duration of disease period and the quantity of patients with biliary diseases by 30-40%. Also, the remission period will be increased up to 18-24 months. Celecoxib may be replaced by COX-2 inhibitors such as Rofecoxib or Valdecoxib or Etoricoxib.

The algorithm of the **pathogenetic treatment** of symptomatic (**with biliary pain**) biliary diseases with **celecoxib**, **ursodeoxycholic acid (UDCA)** and **chophytol**

1. **Treatment of gallbladder dysfunction (with biliary pain)** and prophylaxis of chronic acalculous cholecystitis without biliary sludge – **celecoxib** – 100 mg 2 times per day – the first five days + **UDCA** – 750 mg 1 time before going to bed (10 days) + **chophytol** – 400 mg 3 times per day (10 days) = total period of treatment = 10 days.
2. **Treatment of chronic acalculous cholecystitis without biliary sludge (with biliary pain)** and prophylaxis of chronic acalculous cholecystitis with biliary sludge, duodeno-gastral reflux, antral atrophic (bile-acid-dependent) gastritis and biliary pancreatitis – **celecoxib** – 100 mg 2 times per day – the first five days + **UDCA** – 750 mg 1 time before going to bed (14 days) + **chophytol** – 400 mg 3 times per day (14 days) = total period of treatment = 14 days.
3. **Treatment of chronic acalculous cholecystitis with biliary sludge (with biliary pain)** and prophylaxis of chronic calculous cholecystitis, duodeno-gastral reflux, antral atrophic (bile-acid-dependent) gastritis and biliary pancreatitis – **celecoxib** – 100 mg 2 times per day – the first five days + **UDCA** – 750 mg 1 time before going to bed (28 days) + **chophytol** – 400 mg 3 times per day (28 days) = total period of treatment = 28 days.
4. **Treatment of cholesterol gallstone disease (with biliary pain)** and prophylaxis of acute calculous cholecystitis, duodeno-gastral reflux, antral atrophic (bile-acid-dependent) gastritis and biliary pancreatitis – **celecoxib** – 100 mg 2 times per day – the first five days + **UDCA** – 750 mg 1 time before going to bed (3 months) + **chophytol** – 400 mg 3 times per day (3 months) = total period of treatment = 3 months.
5. **Treatment of patients after cholecystectomy (with biliary pain)** (postcholecystectomy syndrome, dysfunction of Oddi's sphincter (“biliary” type or “pancreatic” type or “mixed” type) or incompetence of Oddi's sphincter) and prophylaxis of choledocholithiasis, duodeno-gastral reflux, antral atrophic (bile-acid-dependent) gastritis and biliary pancreatitis – **celecoxib** – 100 mg 2 times per day – the first five days + **UDCA** – 750 mg 1 time before going to bed (28 days) + **chophytol** – 400 mg 3 times per day (28 days) = total period of treatment = 28 days.

The algorithm of the **pathogenetic treatment** of symptomatic (**with biliary pain**) biliary diseases with **celecoxib**, **chophytol** or **hepatafalk planta**

1. **Treatment of gallbladder dysfunction (with biliary pain)** and prophylaxis of chronic acalculous cholecystitis without biliary sludge – **celecoxib** – 100 mg 2 times per day – the first five days + **chophytol** – 400 mg 3 times per day (10 days) or **hepatafalk planta** – 400 mg 3 times per day (10 days) = total period of treatment = 10 days.
2. **Treatment of chronic acalculous cholecystitis without biliary sludge (with biliary pain)** and prophylaxis of chronic acalculous cholecystitis with biliary sludge, duodeno-gastral reflux, antral atrophic (bile-acid-dependent) gastritis and biliary pancreatitis – **celecoxib** – 100 mg 2 times per day – the first five days + **chophytol** – 400 mg 3 times per day (14 days) or **hepatafalk planta** – 400 mg 3 times per day (14 days) = total period of treatment = 14 days.
3. **Treatment of chronic acalculous cholecystitis with biliary sludge (with biliary pain)** and prophylaxis of chronic calculous cholecystitis, duodeno-gastral reflux, antral atrophic (bile-acid-dependent) gastritis and biliary pancreatitis – **celecoxib** – 100 mg 2 times per day – the first five days + **chophytol** – 400 mg 3 times per day (28 days) or **hepatafalk planta** – 400 mg 3 times per day (28 days) = total period of treatment = 28 days.
4. **Treatment of cholesterol gallstone disease (with biliary pain)** and prophylaxis of acute calculous cholecystitis, duodeno-gastral reflux, antral atrophic (bile-acid-dependent) gastritis and biliary pancreatitis – **celecoxib** – 100 mg 2 times per day – the first five days + **UDCA** – 750 mg 1 time before going to bed (3 months) + **chophytol** – 400 mg 3 times per day (3 months) or **hepatafalk planta** – 400 mg 3 times per day (3 months) = total period of treatment = 3 months.

5. Treatment of patients after cholecystectomy (with biliary pain) (postcholecystectomy syndrome, dysfunction of Oddi's sphincter ("biliary" type or "pancreatic" type or "mixed" type) or incompetence of Oddi's sphincter) and prophylaxis of choledocholithiasis, duodeno-gastral reflux, antral atrophic (bile-acid-dependent) gastritis and biliary pancreatitis – celecoxib – 100 mg 2 times per day – the first five days + chophytol – 400 mg 3 times per day (28 days) or hepatafalk planta – 400 mg 3 times per day (28 days) = total period of treatment = 28 days.

**Attention!!!** Information for patients:

Before using this scheme of treatment please check the contraindications (below) and side effects of using pharmacological preparations of Celebrex (Celecoxib) and Ursofalk or Ursosan (ursodeoxycholic acid), and obtain your doctor's permission.

Contraindications for Celebrex (Celecoxib):

- allergic reactions (nettle-rash, bronchial spasm) to acetylsalicylic acid or other NSAIDs (in anamnesis);
- 3<sup>rd</sup> trimester of pregnancy;
- high sensitivity to sulphonamides;
- high sensitivity to any component of the preparation.

Contraindications for Ursofalk or Ursosan (ursodeoxycholic acid):

- high sensitivity to the preparation;
- acute inflammatory diseases of the gallbladder and the bile ducts;
- ulcerative colitis;
- Crone's disease.

This web page does not bear any legal responsibility for usage of the treatment schemes, given here, without consulting your doctor.