

Lactulose treatment of hepatic encephalopathy in Palliative patients with cancer and not cirrhosis

Jenny Johansson

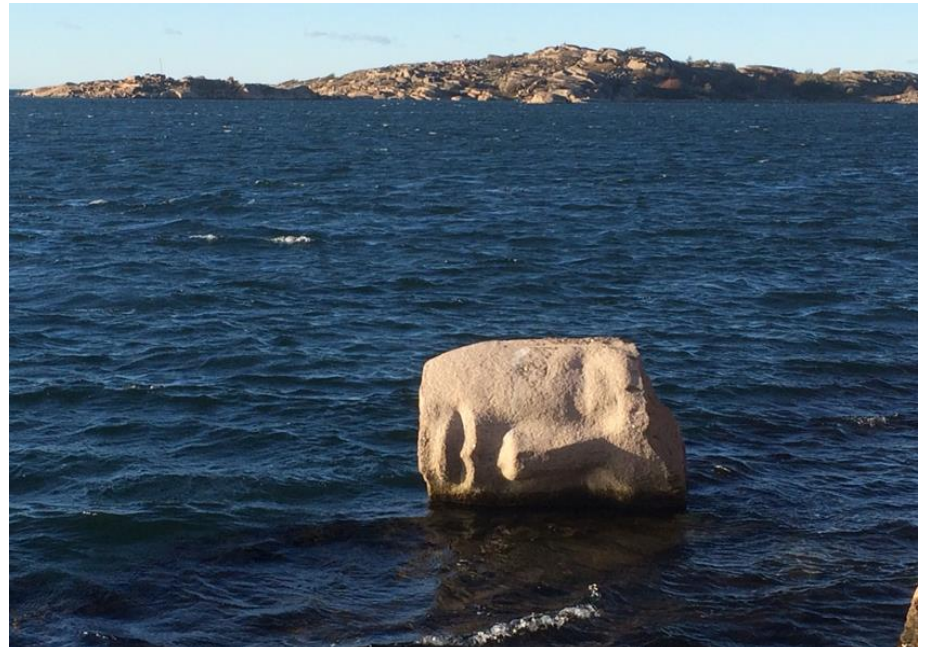
Palliative Care Unit

Surgical clinic, NU Hospital Group

Background


Brain function

- Attention
- Working memory
- Personality
- Sleep-Wake cycle
- Motor signs



Background

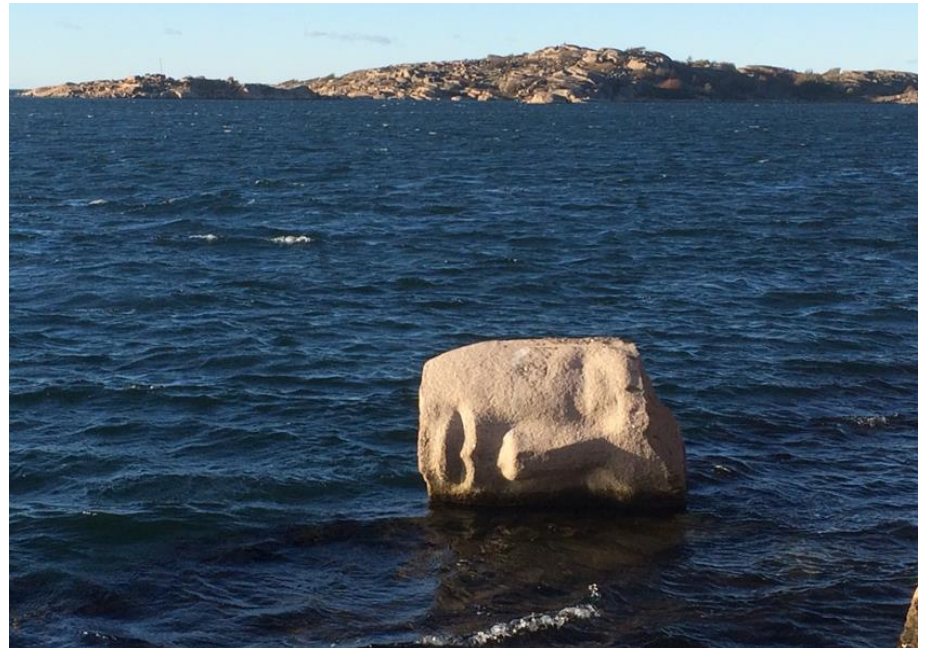
Hepatic Encephalopathy

- Brain dysfunction
- Liver insufficiency
- Portosystemic shunting
- Cirrhosis
- Minimal  Coma
- Lactulose- Ammonia



Background

- **Liver metastasis**
- **Portosystemic shunting**
 - *Thrombosis*
 - *Tumor pressure*



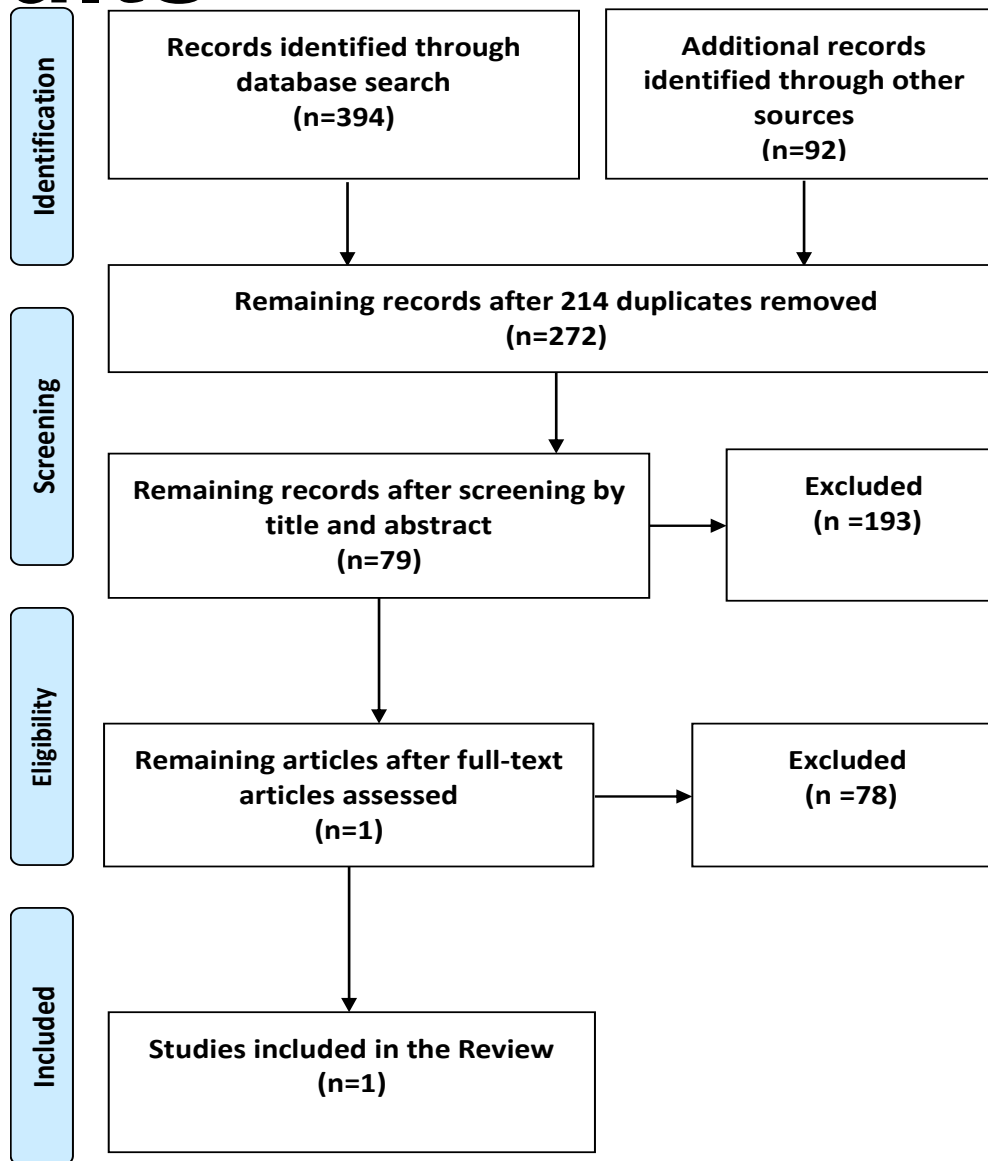
Aim

- **To review evidence for treating HE with lactulose in patients with cancer but not cirrhosis.**
- **Are there any other factors that are more important?**

Methods

- **PubMed, ClinicalKey, Cochrane Library, EMBASE, Google scholar, SwePub and SveMed+**
- **English, Humans, 2000-2019**
- **MESH search terms**
- **Reviews and Clinical studies**

Results



Short discussion

- **Two Case reports**
- **Lactulose treatment**  **Etiology**
- **Liver insufficiency- Portosystemic shunting**
- **Risk factors- infections, GI bleeding, Electrolyte disorder etc.**

Conclusion



- **More studies**
- **Treatment, Etiology, Diagnosis**
- **Life expectancy, New treatments, Precipitating factors (prophylax)**

Thank You for listening!

