Primary secretory otitis media (PSOM) is frequent in brachycephalic dogs and particularly cavalier King Charles spaniels.

**Clinical signs and diagnosis**
- Most cases of PSOM are not symptomatic (> 50% in CKC).
- The first and most frequent symptom is hypoacusia
- Other symptoms can be
  - Head shaking
  - Otalgia
  - Facial paralysis
  - Head tilt
- Diagnosis
  - MRI > CT > endoscopy > otoscopy

**Do I treat?**
No treatment if the dog is full asymptomatic.

Before treating (mandatory)
1. Control otitis externa
2. Treat brachycephalic syndrome
3. BAER

**Myringotomy**
Using Myringotome or urnie tube, then extract ear glue with forceps or by flushing.
Do not make aggressive bulla flushing.
Leave a large hole on half of caudal pars tensa.

**Transtympanic tube**
Can be used to alleviate mucus formation by aeration of the bulla. Results are not better than with regular myringotomy.

**Medical treatment**
3-7 days steroids after myringotomy
2 weeks antibiotics ? Not necessary since this a sterile otitis
Oral N-acetylcystein ?

**Follow up**
Most relapses occur after 3 to 6 months
Most dogs in our practice need 1 to 3 myringotomy in their life