**Case study A**

1. Bppv  
   - dizziness when she turned in the night from the right to the left, dizziness when se bows down, the room is spinning every time she goes to bed.  
   vegetative: heart beating, nausea, feels of balance when she walks, afraid of moving her head
2. dix hallpike test  
   + Epley/Semont (posterior)  
   - supine roll test, bow lean test (horizontal)  
   gefoni for canalolithiasis
3. out of balance when she walks, afraid of moving her head, anxious person, usually cathastrophizing.  
   She has them because she is scared and it is traumatizing for her.  
   treatment: pt education, explain bppd has no longterm effect, angering her questions
4. dix hallpike is negative, manœuvre has no symptoms.