Aim:
Tarlov or perineurial cysts are nerve root lesions common in the sacral region. These cysts were reported to mimic adnexal masses on TVS.

Materials and methods:
4 women referred for adnexal mass.
TVS: normal uterus and ovaries + multiple bilateral cysts containing mildly echogenic content located posteriorly to peritoneum → suspected Dx of Tarlov cyst.

Results:
Tarlov cysts was Dx subsequently confirmed by either CT or MRI.

Conclusions:
• Tarlov cysts may be mistaken for adnexal masses.
• Dx of Tarlov cysts is feasible by TVS.
• Sonographic unique feature: posterior location, peritoneal line and unique sonographic appearance → avoid patient stress, unnecessary work up, surgical intervention and associated morbidity.