Aim
To describe the sonographic characteristics of post-molar gestational trophoblastic neoplasia (GTN) at diagnosis and during follow up.

Methods
Women (n=36) who had undergone structured TVS before start of treatment for post-molar GTN, 2010 - 2017. Women with lesions (n=28) were followed with repeated scans during and after treatment until lesion disappeared.

Findings at inclusion
No uterine lesion was found in 22%, focal lesions in 67% and global lesions in 11% women. The mean lesion diameter was 40 mm. The majority (93%) of lesions had colour score 3-4. AV-fistulas were found in 32% and techa-lutein cysts in 11%.

Findings during follow-up
89% of lesions resolved. Median time to disappearance of vascularity was 7 months, and lesion resolution 8 months. 3 women had persistent lesions, of these 2 remained in complete remission, and one women with a growing lesion, had a histologically verified recurrence.

Conclusion
In women with post-molar GTD 80% have detectable lesions at diagnosis, 85% of these are focal and 15% global. 90% resolve completely during follow-up. Lesion vascularity disappears in median one month before resolution of the lesion.