Student Exercise

Session ID	
Pool/Vector ID	
Record ID	

Scenario

On 14 September 2018, Georgia reported two locally acquired malaria cases in the southern region of the country. Both cases attended a wedding that took place between 9 and 13 August 2018 in the Caucasus forested region near Leliani in Lagodekhi rayon of Kakheti, Georgia. On 27 August 2018, the first case was diagnosed after admission to hospital for fever, chills, and sweats evolving since 22 August 2018. The patient had not travelled abroad and had no risk factors for induced malaria. The only recent trip was to the area and its surroundings to attend the wedding. On 2 September 2018, a second person who attended the same wedding was diagnosed with strange regular fevers and chills upon returning home. This case had onset of symptoms on 23 August 2018 and neither exposure to induced malaria nor recent travel history to a malaria-endemic area. The regional health agency implemented active case finding in neighboring laboratories and hospitals. None of the wedding attendees reported recent travel history to a malaria-endemic country or displayed symptoms compatible with malaria. Entomological investigations were conducted in the areas visited by the cases looking for evidence of the presence of Anopheles sacharovi, a potential competent vector.

1. Begin by entering a vector surveillance session.
2. During the investigation, several *A. sacharovi* and *A. superpictus* were collected from the area and samples sent to the laboratory. A field test performed for *P. falciparum* was positive. Search for the session and enter a detailed collection.
3. The laboratory found that three samples collected were positive for malaria. Review the test results in the vector surveillance session.
4. Another collection session for mosquitoes was conducted near Choeti village in Dedoplitskaro rayon. Samples were sent to Kakheti zonal laboratory and only 2 pools out of 12 were reported positive for the West Nile virus. Enter an aggregate collection for the session.
5. Copy the detailed collection and modify as necessary for West Nile virus.
6. Complete the exercise by deleting the session.