Common Side Effects of COVID-19 Vaccines

**Pain at the Injection Site**
Out of 10 people who receive a COVID-19 vaccine, 8-9 may experience pain at the injection site. Most had mild or moderate pain. Pain at the injection site is also common with the tetanus vaccine and the Shingles vaccine.

**Redness at Injection Site**
Out of 10 people who receive a COVID-19 vaccine, 1 may experience redness at the injection site. Redness is much more common with the Shingles vaccine than with a COVID-19 vaccine.

**Swelling at the Injection Site**
Out of 10 people who receive a COVID-19 vaccine, 1 may experience swelling at the injection site. Swelling is much more common with the Shingles vaccine than with a COVID-19 vaccine.
**Fever**

Fever is uncommon after the 1\textsuperscript{st} dose of the vaccine. After the 2\textsuperscript{nd} dose, out of 10 people who receive a COVID-19 vaccine, 1-2 may experience a fever. Fever is more common in younger individuals (< 65 years) than in older individuals. However, fever is much more common with the Shingles vaccine than a COVID-19 vaccine.

**Fatigue**

Out of 10 people who receive a COVID-19 vaccine, 5 may experience fatigue. Fatigue is more common after the 2\textsuperscript{nd} dose of a COVID-19 vaccine compared to the first dose. This amount of fatigue is also common with the Shingles vaccine.

**Headache**

Out of 10 people who receive a COVID-19 vaccine, 4 may experience headache. Headache is more common after the 2\textsuperscript{nd} dose of a COVID-19 vaccine compared to the first dose. However, headache is more common with the Shingles vaccine than after a COVID-19 vaccine.

**Muscle Aches**

Out of 10 people who receive a COVID-19 vaccine, 3-4 may experience muscle aches. Muscle aches are more common after the 2\textsuperscript{nd} dose of a COVID-19 vaccine than after the first dose. However, muscles aches are more common with the Shingles vaccine than after a COVID-19 vaccine.