



itpstudy.iamrare.org
research@pdsa.org



COVID-19 and ITP

Results from the ITP Natural History Study

Data as of January 4, 2022 (527 participants)

Participant Demographic Highlights

- 78% between the ages of 22-64
- 74% female | 26% male
- 99% of survey participants have primary ITP
- 32% in remission at time of survey completion
- 22% had a previous splenectomy

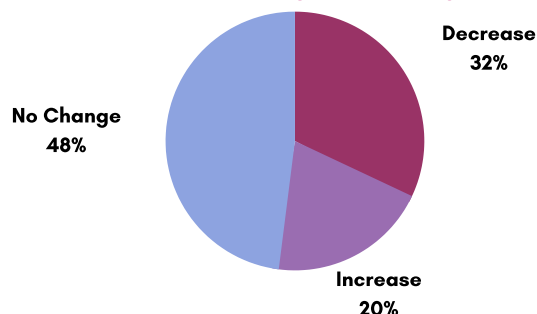
COVID-19 INFECTION

13% of participants tested positive for COVID-19

Of those who experienced a change in platelet count after testing positive for COVID-19:

- **91% saw their counts return to baseline within 3 months**
- **67% saw their counts return to baseline within 1 month**
- 9% of positive cases required hospitalization, and no deaths were reported
- The most frequently selected platelet count change (increase or decrease) reported following infection was between 10,000-50,000uL

Platelet count changes following infection



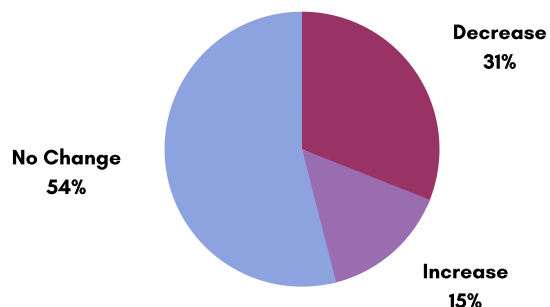
COVID-19 VACCINATION

73% of participants received 1 dose of a COVID-19 vaccine

Of those who experienced a change in platelet count following dose 1:

- **77% saw their counts return to baseline within 3 months**
- **57% saw their counts return to baseline within 1 month**

Platelet count changes following Dose 1

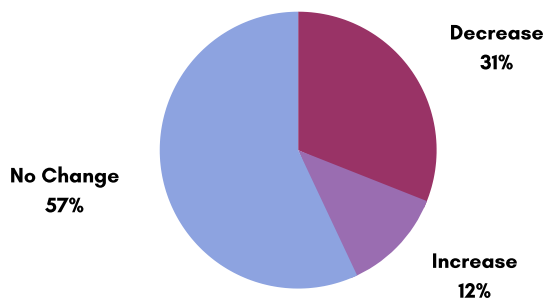


54% of participants received 2 doses of a COVID-19 vaccine

Of those who experienced a change in platelet count following dose 2:

- **83% saw their counts return to baseline within 3 months**
- **62% saw their counts return to baseline within 1 month**

Platelet count changes following Dose 2



- The most frequently selected platelet count change (increase or decrease) reported following either dose was between 10,000-50,000uL
- Bleeding symptoms reported in only 1% of those who indicated they received at least 1 dose of a COVID-19 vaccine

ANALYSIS

One of the biggest fears for ITP patients about COVID-19 vaccination has been whether the vaccine will cause a decrease in platelet counts. This data shows that a majority of ITP patients who have received either one or two COVID vaccines experience either no change or a slight increase in their platelet count following vaccination. Most people who experience a change in platelet counts recover within 1 to 3 months following vaccination.