

As of September 9<sup>th</sup>, 2021

# How to deal with side effects after COVID-19 vaccination

(For the Pfizer and Takeda/Moderna vaccines)



# Symptoms of Possible Side Effects

○ The vaccines are highly effective against getting COVID-19.

The process of building immunity may cause symptoms, such as:

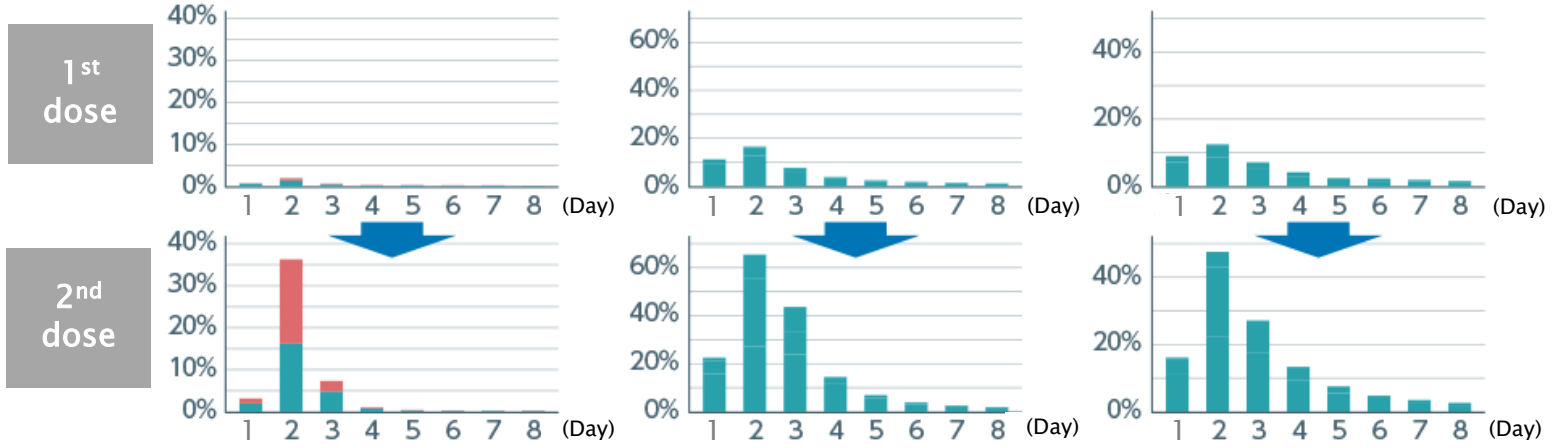
- ◆ Pain at the injected site
- ◆ Fever
- ◆ Tiredness
- ◆ Headache
- ◆ Muscle or joint pain
- ◆ Chills
- ◆ Diarrhea



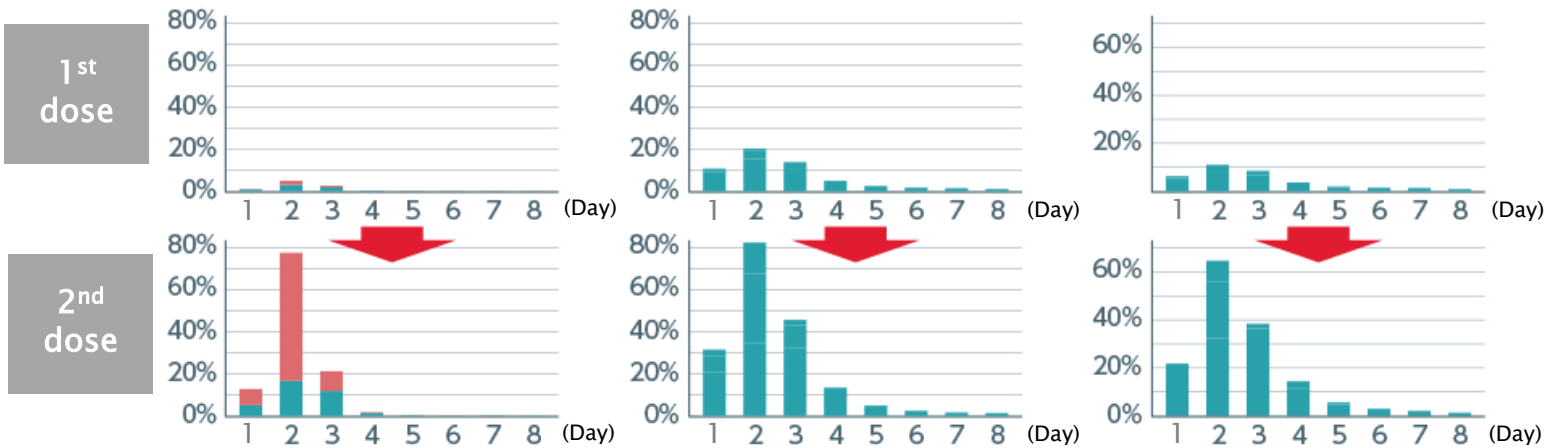
○ According to the survey results conducted in Japan,

- Most of these symptoms became intense the day after vaccination and subside within a few days.
- The most common symptom was **pain at the injected site**.  
More than 80% of the vaccinated individuals experienced this symptom on the next day.
- **Fever, tiredness, and headache** were more intense in the 2<sup>nd</sup> dose than in the 1<sup>st</sup>.
- In some cases, the Takeda/Moderna vaccine caused delayed skin reactions at the injected site, such as itchiness, swelling and redness.

### The Pfizer Vaccine (As of July 7<sup>th</sup>, 2021)



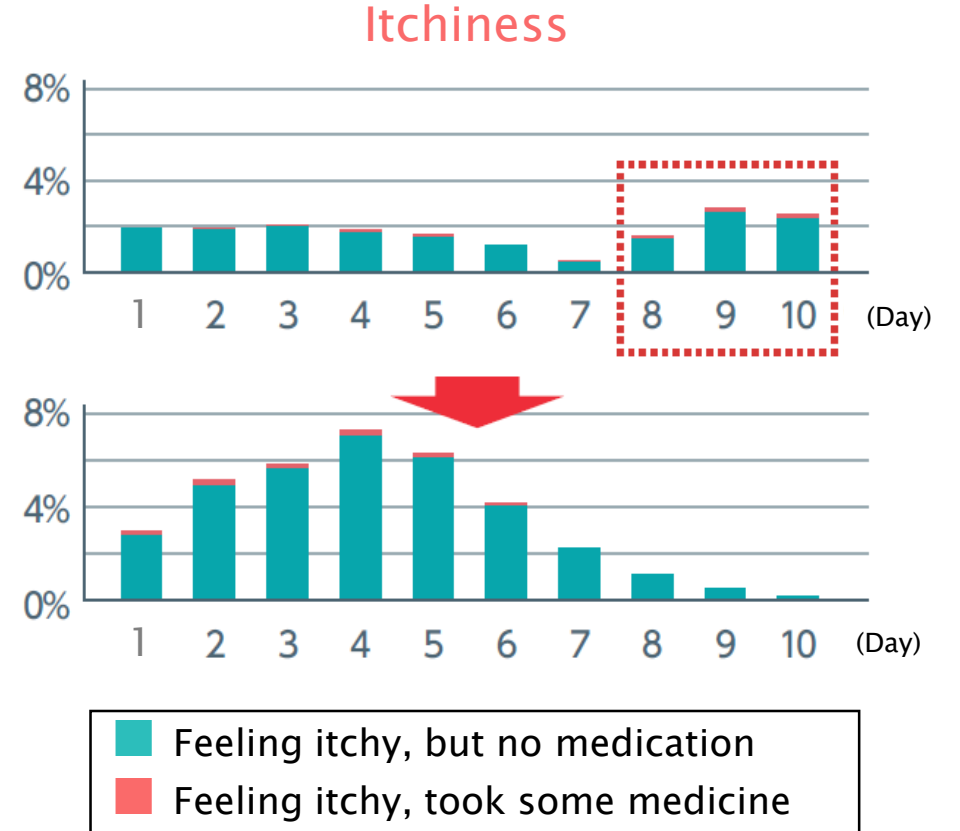
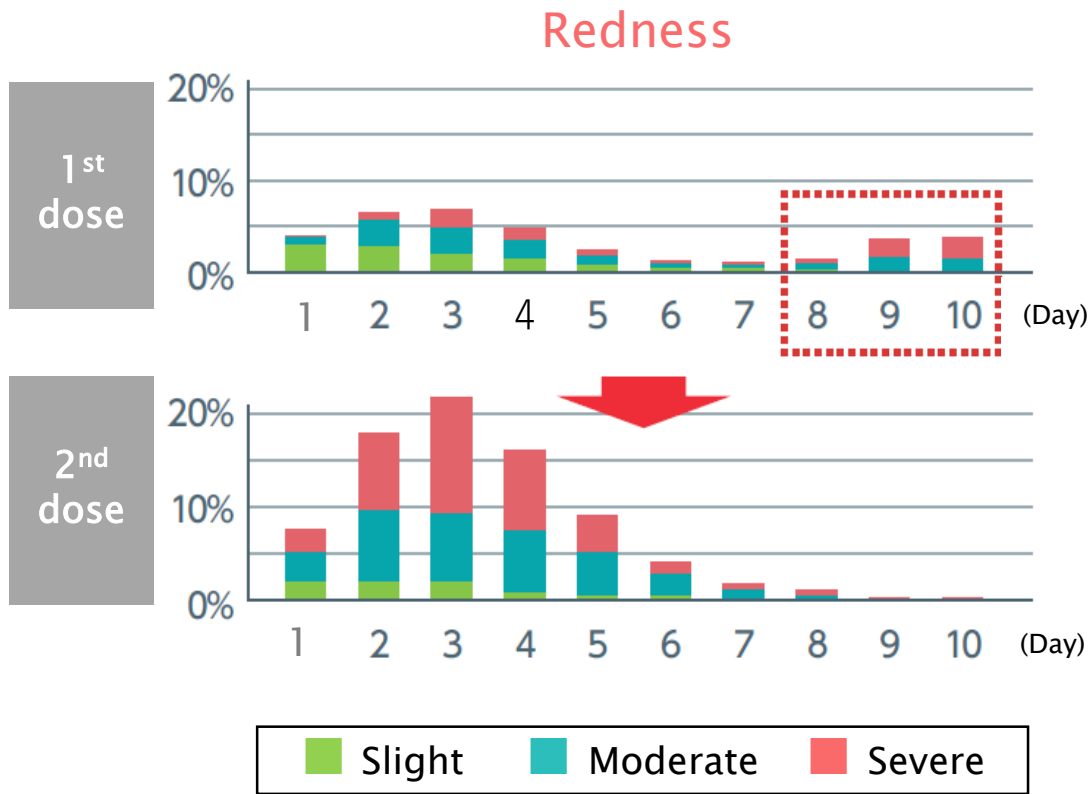
### The Takeda/Moderna Vaccine (As of August 26<sup>th</sup>, 2021)



■ 37.5~38.0°C    ■ over 38.0°C

\* This figure shows the results of cohort study about possible side effects after getting a COVID-19 vaccine conducted on tens of thousands of people in Japan.

**The Takeda/Moderna Vaccine**  
(As of August 26<sup>th</sup>, 2021)



\* This figure shows the results of cohort study about possible side effects after getting a COVID-19 vaccine conducted on tens of thousands of people in Japan.

# How to deal with the symptoms

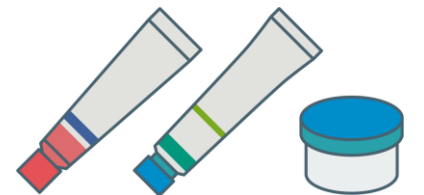
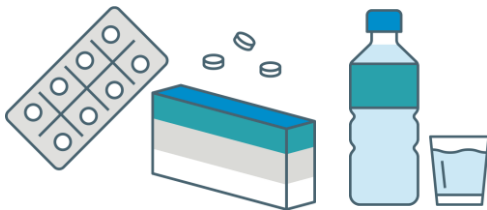
## 【Fever, Pain】

- ◆ Fever medicine and painkillers can be effective.  
(In the cohort study, various medicines such as Acetaminophen, Loxoprofen, Ibuprofen were used. These are available in pharmacies.)
- ◆ Drink plenty of fluids, such as water, when you have a fever.
- ◆ Consult your doctor or pharmacist if you are pregnant, nursing, or with any pre-existing conditions.

## 【Redness, Itchiness】

- ◆ Cooling and applying antihistamines or steroids can help relieve the itching. Insect bite medicines also contain the above medications.

**※If the symptoms are severe or prolonged, please consult a medical institution.**



# After Vaccination

Vaccines have been shown to be highly effective, but not 100% effective.

Even after vaccination, please continue to take measures to prevent infection, such as wearing a mask.



## 【Reference】

COVID-19 Information Website of MHLW

[https://www.mhlw.go.jp/stf/seisakunitsuite/bunya/0000164708\\_00079.html](https://www.mhlw.go.jp/stf/seisakunitsuite/bunya/0000164708_00079.html)

COVID-19 Vaccine Navi

<https://v-sys.mhlw.go.jp/en/>

