

Relative risk of AZ Vaccine

1. **Risk of TTS (unusual blood clots)** following AZ vaccination = **14** per million doses

Source: ATAGI update accessed 21/7/21

2. **Risk of TTS and dying from AZ vaccine** = **1** per million doses

(source: TGA July 22nd 2021)

- This risk is **less than that expected in the general population** from natural or other causes (source: TGA accessed 23/7/21)

- This is the **same risk** as dying from a lightning strike:

(source: <https://www.weather.gov/safety/lightning-odds>)

- This is **less than annual risk of death from car accident** in Australia = **44** per million population

(source: Commonwealth Govt. statistics <https://www.bitre.gov.au/statistics/safety>)

3. **Risk of death from Community (Delta) Covid** in general = **4100** per million which is clearly much greater than the risk of death from the AZ vaccine

(source: BMJ 2021;372:n579)

4. Worldwide **Death rate from Covid in transplants** = **1 in 5 patients** = **200,000** per million

Source: Int J Organ Transplant Med. 2020;11(4):145-162

- In Australia death rate from Covid in transplants is 9% (2/22 cases) = **90,000** per million
- In Australia death in dialysis patients is 50% (7/14 cases) = **500,000** per million

Source : TSANZ July 13th 2021

Anything we do in Medicine requires consideration of balance of risks. Every time we prescribe a medication we need to consider whether the likely benefits outweigh the risks as there is always a risk, albeit mostly minor.

The Covid situation is clearly a rapidly changing one. Hopefully this information assists patients & their family & friends understand the balance of risks.