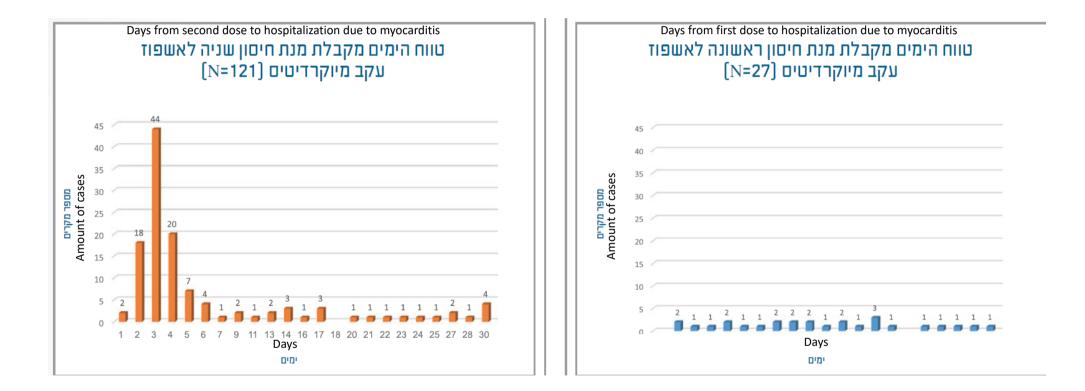
# Figures on BNT162b2 effectiveness and safety at age 12-15 years

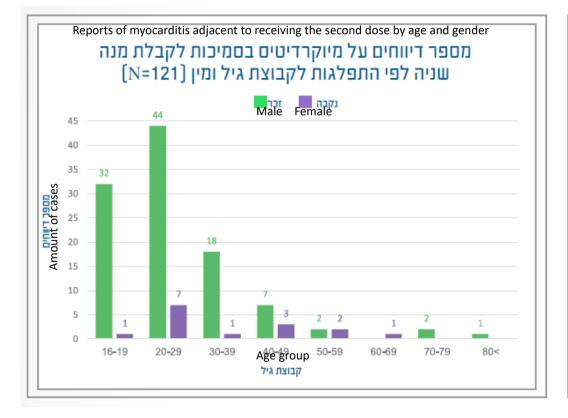
#### **Figures:**

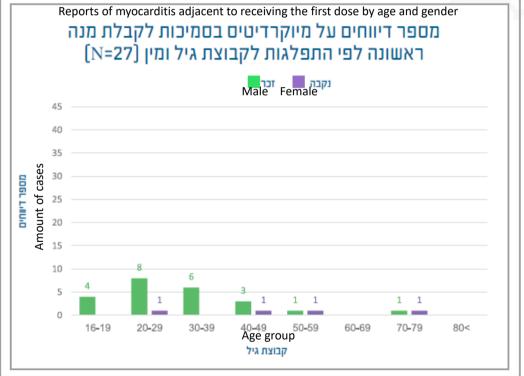
- 1. Translated Israel figures on myocarditis following BNT162b2
- 2. Miron et al analysis on BNT162b2 effectiveness

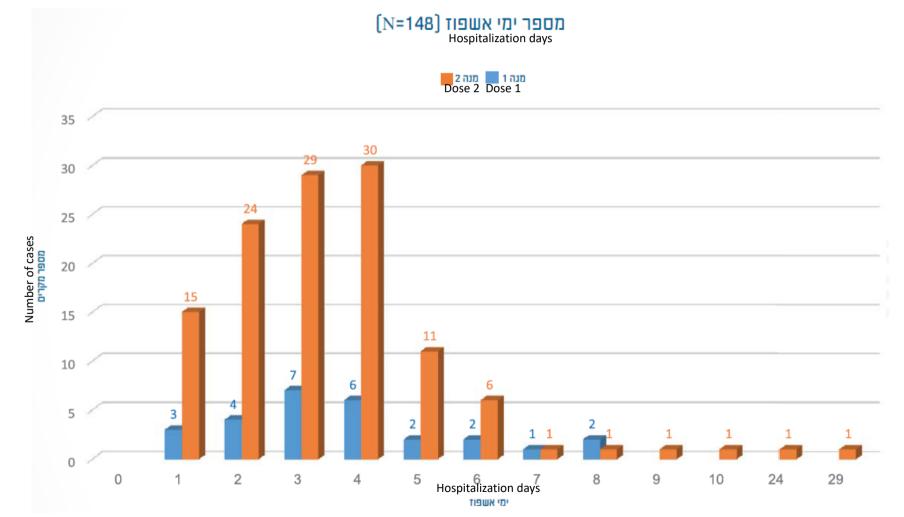
#### **Preliminary summary:**

The 1<sup>st</sup> dose of BNT162b2 was not significantly associated with myocarditis and was effective against COVID-19 before the increase in the Delta variant, which may reduce 1<sup>st</sup> dose effectiveness. The 2<sup>nd</sup> dose of BNT162b2 was associated with myocarditis, but cases are rare and mostly mild, and since 2<sup>nd</sup> dose likely improves the effectiveness against Delta, it could justify the myocarditis risk. If the UK administers dose-1 to ages 12-15 years, there will be another 21 days until 2<sup>nd</sup> dose administration to examine the dose 1 and dose 2 effectiveness against the Delta variant, using additional data from the UK, US and Israel.







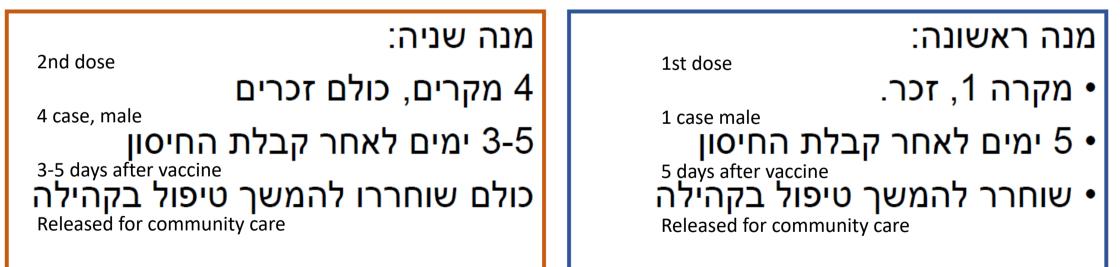


Calculation of myocarditis risk in all vaccinated חישוב הסיכון למיוקרדיטים בכלל המתחסנים

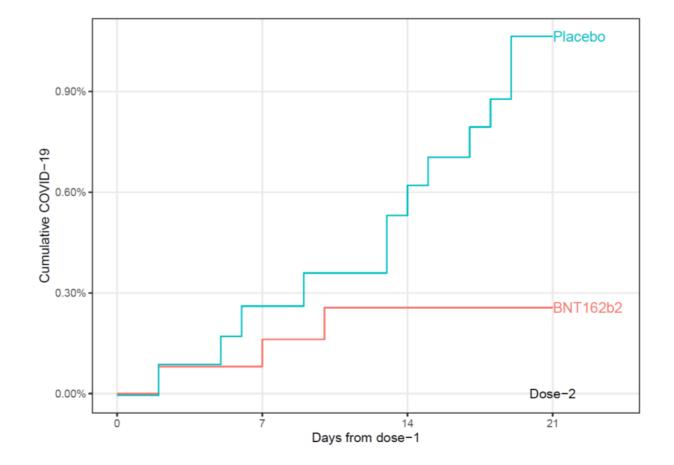
Dose 2 Case per vaccinated מנה שניה מקרה אחד ל מתחסנים	Dose 1 Case per vaccinated מקרה אחד ל מתחסנים	Age and sex groups קבוצת גיל ומין	
6,230	90,511	Male זכר	
No reported cases in this group לא דווחו מקרים בקבוצה זו	No reported cases in this group לא דווחו מקרים בקבוצה זו	Female נקבה	16-19
10,463	132,724	Male זכר	20-24
58,385	No reported cases in this group לא דווחו מקרים בקבוצה זו	Female נקבה	
25,304	No reported cases in this group לא דווחו מקרים בקבוצה זו	Male זכר	- 25-29
218,014	No reported cases in this group לא דווחו מקרים בקבוצה זו	Female נקבה	
71,785	393,9418	Male זכר	30+

#### נכון ל03/08/2021 דווחו 5 מקרים של דלקת בשריר הלב בגילאי 12-15 מתוך 201,540 מקבלי מנה ראשונה ו153,491 מקבלי מנה שניה.

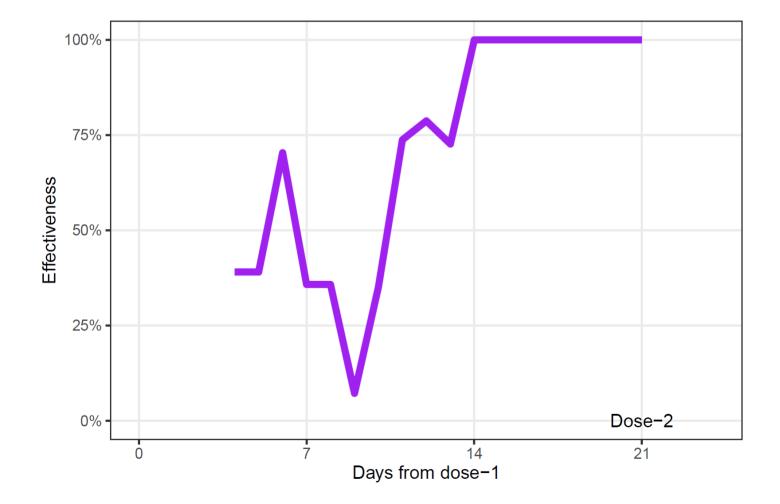
As of 03/08/2021, 5 cases were reported of myocarditis at ages 12-15 years, out of 201,540 1st doses and 153,491 2nd doses



#### 2. Reanalysis of BNT162b2 age 12-15 years



#### 2. Reanalysis of BNT162b2 RCT age 12-15 years



#### 2. Reanalysis of BNT162b2 RCT age >15 years

