



Polio *Survivors* Ireland

AGM 30th June 2021

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Medical Director ICGP



Polio survivors Ireland: Independence and dignity

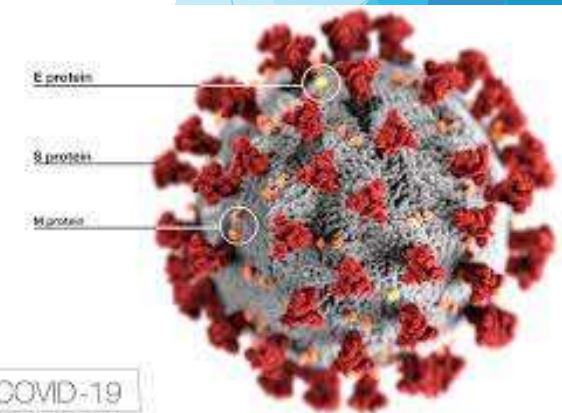


- ▶ Established 1993
- ▶ 930 members (c 7,000 polio survivors)
- ▶ Support members
- ▶ Create awareness & provide information
- ▶ Advocacy



Covid and Covid Vaccines...

- ▶ Covid-19 in Ireland: Illness and Vaccine programme
- ▶ Covid-19 Delta variant...
- ▶ Covid-19 and global Polio vaccination
- ▶ Covid-19: What comes after?



Symptoms & Signs of Covid-19 and High Risk Groups

- ▶ Cough, fever,
- ▶ Sore throat, headache, runny nose
- ▶ loss of smell-taste
- ▶ Aches & pains, fatigue
- ▶ Nausea, vomit, diarrhoea

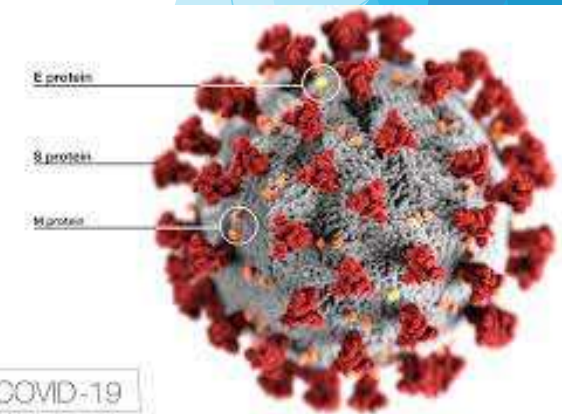
High Risk Groups:

- ▶ Older people, especially nursing homes
- ▶ BAME
- ▶ Immunosuppressed
- ▶ Cancer
- ▶ Chronic diseases



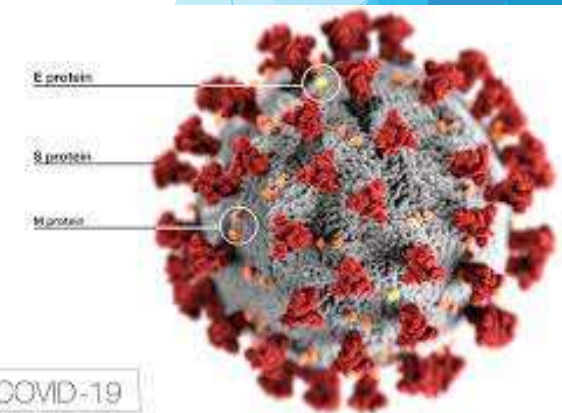
Covid-19 in Ireland...

- ▶ 29th Feb 2020: first cases emerged in Ireland
- ▶ 12 March 2020: all education facilities closed
- ▶ 24 March 2020: most businesses closed
- ▶ 27th March 2020: Non-essential travel ban & cocooning vulnerable
- ▶ May 2021: Delta variant...



Covid Vaccines...

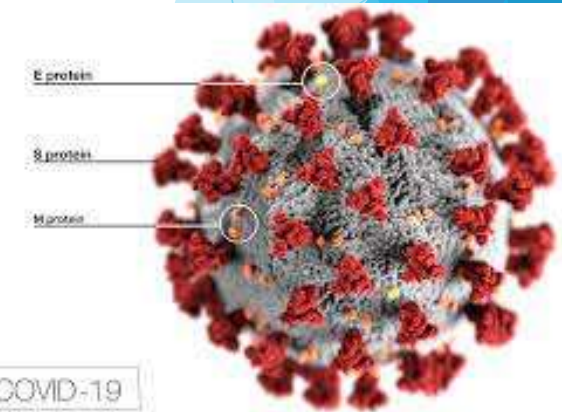
- ▶ 29th Dec 2020: Annie Lynch (79y age) Pfizer vax
- ▶ 5th Jan 2021: Maura Byrne (95y age) Pfizer vax in Nursing Home
- ▶ 7th Jan 2021: National rollout across nursing homes
- ▶ 19th March 2021: President Higgins given vax



Ireland's Covid Vaccine Programme

- ▶ **Jan-March:** People >80y, Nursing home residents, Healthcare workers
- ▶ **April-May:** 65-79y, High & Very High risk people
- ▶ **May onwards:** everyone 18-64y

- ▶ **Pregnant women:** Maternity Hospitals

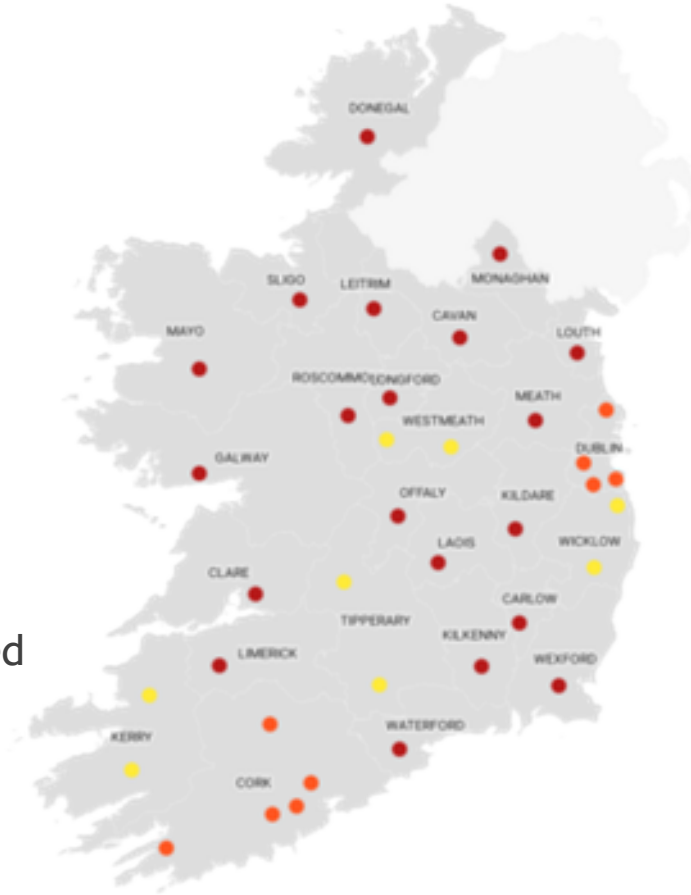


Covid Vaccine data...

- ▶ 15th June: almost 4m doses (2.5m & 1.5m)
- ▶ GP administered almost half

ECDC: 30 June 2021

- ▶ >70y age: 100% single dose
- ▶ >50y+: 92% first dose (EU average 68%)
- ▶ >18y age: 66% partial & 42% fully vaccinated



Covid 19 Delta variant...

Increased transmissibility and Reduced vaccine effectiveness¹

- ▶ VOC: 24th May 2021: Delta variant risk assessment: >85 countries & 23 EU states
- ▶ Dominant in India, UK, Russia
- ▶ 50% more transmissible (within & between people/families)
- ▶ Delta Variant in Europe: 70% early August and 90% end August
- ▶ Delta variant and vaccine: **ideally two doses** (one dose 30-50%, 2 doses 95%, regardless of vaccine type)
- ▶ Risk to unvaccinated & partially vaccinated people, especially older, co-morbidities
- ▶ Higher risk of hospitalisation (approx. doubled)



1. ECDC Implications for the EU/EEA on the spread of the SARS- CoV-2 Delta (B.1.617.2) variant of concern - 23 June 2021. ECDC: Stockholm; 2021.

Covid 19: Delta variant...

- ▶ *“any relaxation over the summer months of the stringency of non-pharmaceutical measures...in the EU could lead to a fast and significant increase in daily cases in all age groups, with an associated increase in hospitalisations and death”*¹
- ▶ *“Given the predominance of Delta...without continued application of NPI measures and further rapid rollout of full vaccination, sharp increases in new infections, hospitalisations and deaths may be observed”*¹

- ▶ 1. ECDC. Implications for the EU/EEA on the spread of the SARS- CoV-2 Delta (B.1.617.2) variant of concern - 23 June 2021. ECDC: Stockholm; 2021.



Relaxation of guidance “Non-pharmaceutical interventions”

- ▶ Rapid relaxation of NPI: ‘fast & significant increase in cases, hospitalisations & deaths’
- ▶ Gradual relax-n of NPI with accelerated vaccine rollout: keep hospitalisation & deaths low
- ▶ Delta poses a threat to school/university re-opening...



Covid Delta variant

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ECDC Risk assessment for EU... 23RD June

- ▶ Delta variant predominates by end August: Increased transmission and vaccine uptake/effectiveness
- ▶ General population vs Vulnerable population
- ▶ Fully/partial vaccine vs Unvaccinated
- ▶ *“Without continued application of NPI measures and rapid rollout of (full) vaccination...sharp increases in new infections, hospitalisations and deaths”¹*
- ▶ *1. ECDC Implications for the EU/EEA on the spread of the SARS- CoV-2 Delta (B.1.617.2) variant of concern - 23 June 2021. ECDC: Stockholm; 2021.*



ECDC options for response:

- ▶ **Vaccination:** *full vaccination of vulnerable groups ASAP*
- ▶ **Non-pharma interventions** (hand hygiene, social distancing, masks etc):
“maintain & strengthen NPI in indoor & crowded outdoor settings”
- ▶ **Travel:** Can import disease into low prevalence communities: Test pre-departure/upon arrival, quarantine, contact tracing

- ▶ **Conclusion:** *”a coordinated (EU) approach to the restriction of free movement and the regulation of the Digital COVID Certificate, waiving travel measures like testing or quarantine can be considered for fully vaccinated individuals”*¹

¹ ECDC Implications for the EU/EEA on the spread of the SARS- CoV-2 Delta (B.1.617.2) variant of concern - 23 June 2021. ECDC: Stockholm; 2021.





Vaccine
Available online 27 April 2021
In Press, Corrected Proof



The impact of disruptions caused by the COVID-19 pandemic on global polio eradication

Dominika A. Kalkowska ^a, Arend Voorman ^b, Mark A. Pallansch ^c, Steven G.F. Wassilak ^d, Stephen L. Cochi ^d, Kamran Badizadegan ^a, Kimberly M. Thompson ^a ✉

The Impact of the COVID-19 Pandemic on Immunization Campaigns and Programs: A Systematic Review

by Zohra S. Lassi ¹ ✉, Rabia Naseem ² ✉ , Rehana A. Salam ² ✉, Faareha Siddiqui ² ✉ and Jai K. Das ^{2,*} ✉

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<http://dx.doi.org/10.1136/thoraxjnl-2020-216226>





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Thank you for listening: any questions?

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