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Physical health in people with intellectual disability: Current perspectives and future directions

Professor Umesh Chauhan



@chauhan_nhs

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Impact of Covid-19 on Intellectual Disability

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Before COVID-19

People with Intellectual Disability

- **More likely to die from an avoidable cause**
 - **At a younger age (average age of death of 61 yrs for males and 59 yrs for females)**
- **Black, Asian and Minority Ethnic groups died at younger ages than White British people**
 - 43% of children (<18 years) were from BAME groups.
- **More likely to have co-morbidities**
 - **Obesity, Epilepsy, Dementia, Constipation, Mental health problems, GORD**
- **Increased risk of harm from over prescribing of Psychotropic drugs**
 - **STOMP Agenda**

Pandemic

Herd Immunity

Hand Washing

During COVID-19

Lockdown

Face Mask

Contact Tracing

Shielding

Clinically Vulnerable

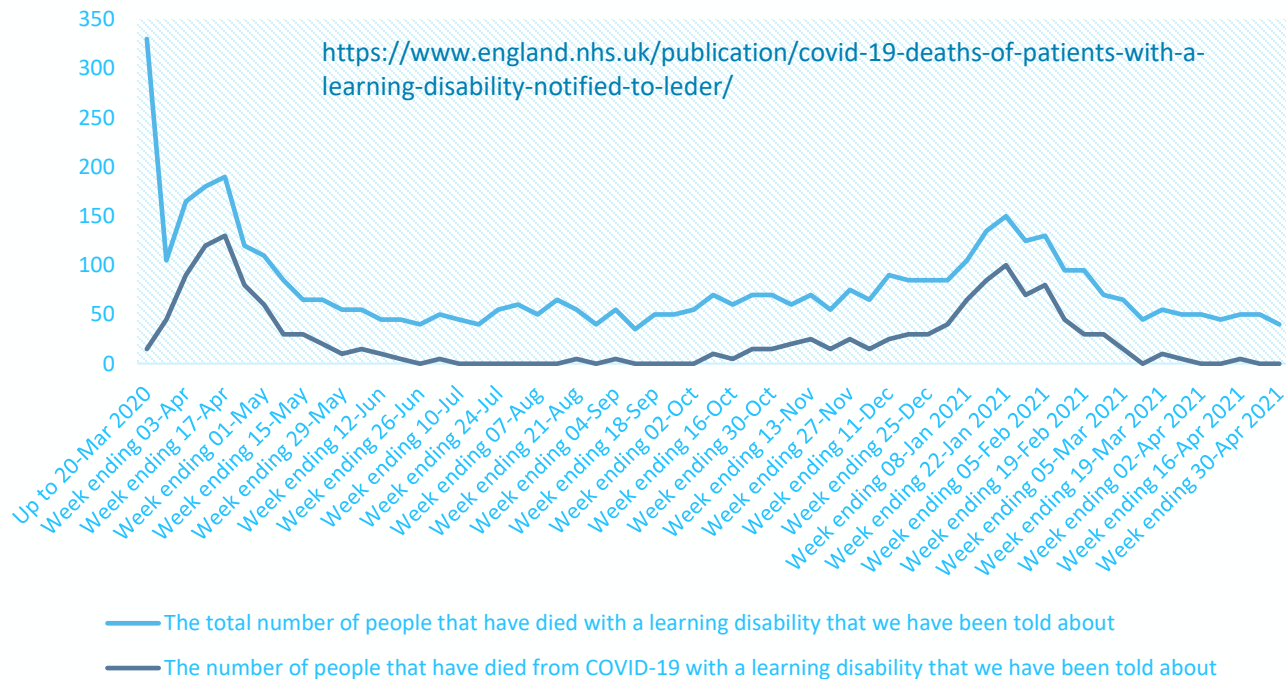
R-number

Flattening the curve

Quarantine

Social Distancing

COVID-19 deaths of patients with a learning disability notified to LeDeR



COVID Risk in Adults with Intellectual Disability

- Increased risk of Infection (x2)
- Increased risk of severe infection and complications (x2.3)
- Increased risk of death
(30% compared with 24% in the general population)

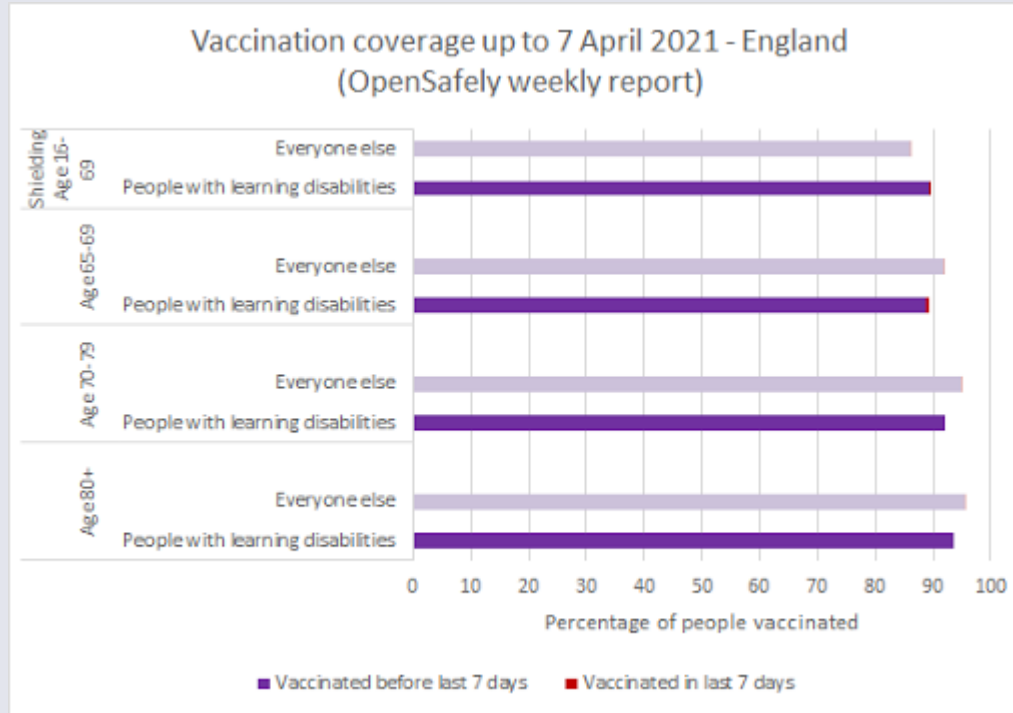
	Adults with intellectual disabilities		5% sample of adults with no intellectual disabilities	
	N=17,173		N=195,859	
	n	%	n	%
Sex				
Male	9,545	55.6	94,335	48.0
Female	7,628	44.4	101,524	51.8
SIMD decile				
1-5 (More deprived)	11,082	64.5	94,442	48.2
6-10 (Less deprived)	6,091	35.5	101,417	51.8
Age (years) at 2011 census				
18-54	12,626	73.5	123,256	62.9
55-64	2,497	14.5	31,385	16.0
≥65	2,050	11.9	41,218,	21.0

Down syndrome and COVID-19

- **Greater risk of being hospitalised**
- **More likely to be hospitalised at a younger age**
- **More likely to experience complications (confusion, sepsis)**
- **Greater risk of mortality in >40 year olds**
- **Underlying diabetes increases susceptibility**

<https://doi.org/10.1101/2020.05.26.20112748>

COVID Vaccination coverage



<https://chrishatton.blogspot.com/>

New Quality Improvement (QI) Domain

- **Learning Disabilities QOF QI Domain 2020/21**
 - **QILD007 - The contractor can demonstrate continuous quality improvement activity focused upon learning disabilities as specified in the QOF guidance.**
 - **QILD008 - The contractor has participated in network activity to regularly share and discuss learning from QI activity focused on the care of patients with a learning disability as specified in the QOF guidance. This would usually include participating in a minimum of 2 network peer review meetings.**

key clinical priorities for PCNs in support of the recovery from the COVID-19 pandemic

Indicator description	£m	Points	Lower Threshold (%)	Upper Threshold (%)
% 65+ who received a seasonal flu vaccination	9	72	70%	77%
% on Learning Disability register who received Learning Disability health check	5.875	47	49%	80%
% referred to social prescribing	3.125	25	0.4%	0.8%
% 65+ prescribed NSAID w/o gastro-protective	4	32	43%	30%
% 18+ prescribed oral anticoagulant & anti-platelet w/o gastro-protective	0.75	6	40%	25%
% 18+ prescribed aspirin & another anti-platelet w/o gastro-protective	1.5	12	42%	25%
Total	24.25	194		

Pendle West PCN QI Initiative

Practice	Total (Male/Female)	Ethnicity No Record	Housebound Recorded	Flu Vaccination (% 2019)	Health Check (2019)
Practice A	19 (12/7)	0	1	3	4
Practice B	16 (11/5)	2	0	3	2
Practice C	66 (38/28)	16	12	19	40
Practice D	48 (28/20)	13	5	19	15
Practice E	81 (50/31)	8	8	35	56
Practice F	16 (8/8)	0	2	3	4
Practice G	24 (15/9)	8	0	3	0
PCN	270 (162/108)	47/270 (17%)	28 (10%)	82/260 (32%)	121/233 (52%)

Pendle West PCN QI Initiative April 2021

	Total ≥14 yrs	Ethnicity No Record	Housebound Recorded	Flu Vaccination (2020/21)	Health Checks (2020/21)
Practice A	15	0	0	7	9
Practice B	12	0	0	5	7
Practice C	59	12	11	26	49
Practice D	48	14	16	20	33
Practice E	78	1	14	52	78
Practice F	13	0	2	4	13
Practice G	21	8	0	2	3
PCN	246	36 (15%)	43 (17%)	119 (48%)	192 (78%)

Key elements

- **Raising Awareness**
 - In the right space
- **(Clinical) Champion/Leadership**
- **Collective agreement**
- **Data:**
 - Creating a search
 - Extraction
 - Analysis
 - Sharing
- **Financial Incentive**

QI Initiative for 21/22 (latest Data 1st week of May)

	Total (>14 yrs)	Pneumovac	Covid Vaccine Received (1 st Dose)	Covid Vaccine Declined	Health Checks (2021/22)
Practice A	14	1	10	0	1
Practice B	14	2	10	2	0
Practice C	59	9	43	20	0
Practice D	48	12	31	3	4
Practice E	75	16	63	3	1
Practice F	13	1	5	1	0
Practice G	20	1	13	3	0
PCN	243	42	175	30	6

Areas for further research

Biological

Psychological

Social



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Thank you

uchauhan@uclan.ac.uk

@chauhan_nhs

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