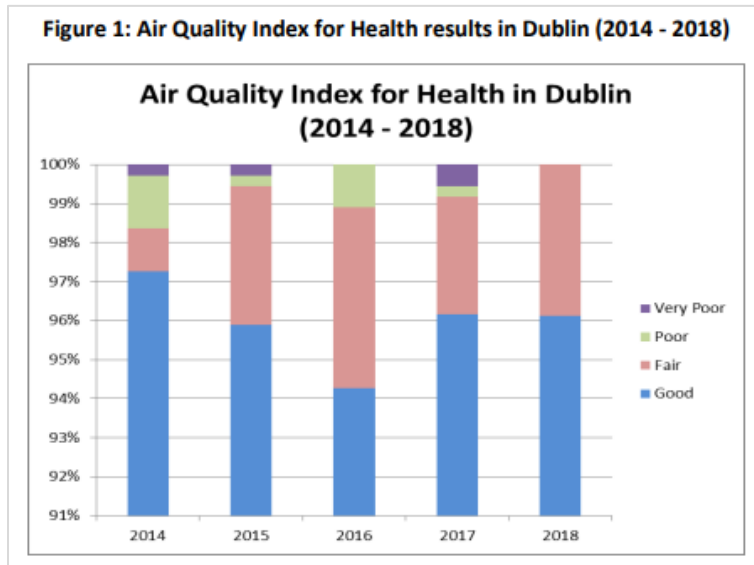


ORIGINAL PAPERS

AIR QUALITY AND ITS ASSOCIATION WITH CARDIOVASCULAR AND RESPIRATORY HOSPITAL ADMISSIONS.....92

Quintyne et al found that the air quality index for health (AQIH) was as follows - good 96%, fair 3%, poor 1%. Changes in AQIH were associated with rises in asthma, chronic obstructive airway disease, and heart failure.

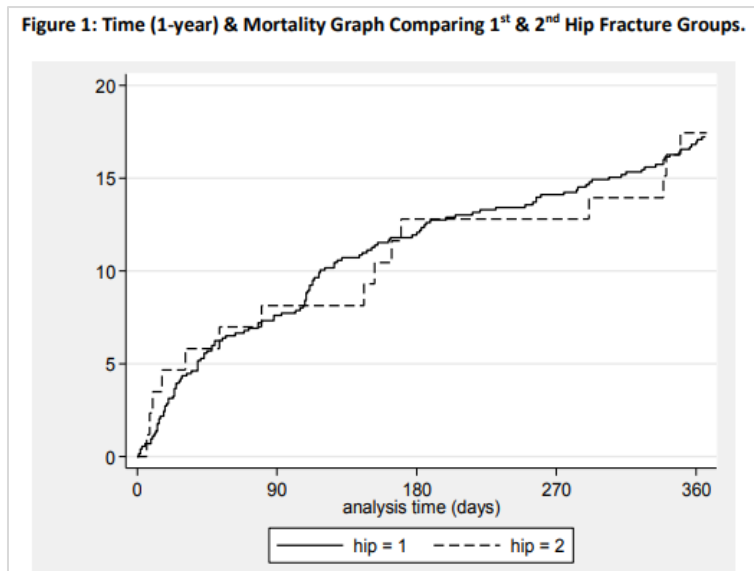
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THE PATIENT’S SECOND HIP FRACTURE – ONE IN TEN.....93

Downey et al found that second hip fractures accounted for 10.5% of all hip fractures. Fifty per cent took place within 3 years of the first fracture.

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Ryan et al report that in 2014/15, head injury was diagnosed in 13,392 children. Falls were the main injury. The admission rate was 10.8% and neuroimaging was performed in 4.3% of cases.

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Table 2: Demographics, Arrival and treatment pathway of TBI presentations.

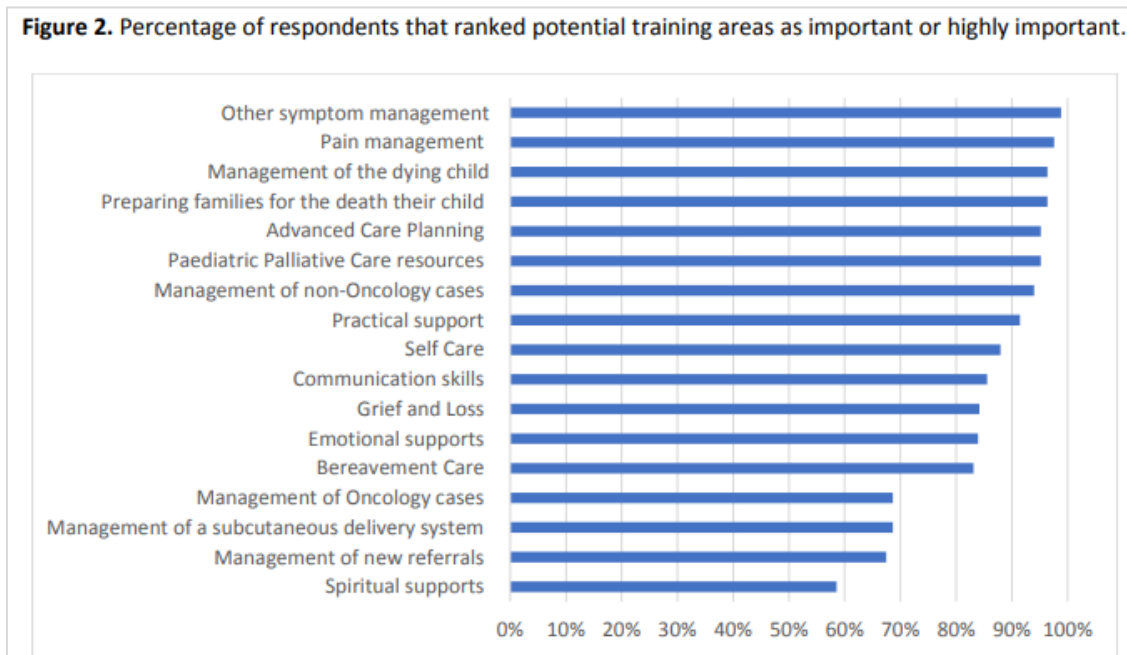
	Infant (< 1 y)	Preschool (1-4y)	Primary School (5-12y)	Adolescent (12-16y)	All
Presentations	1707 (12.7%)	6022 (45%)	3674 (27.4%)	1989 (14.9%)	13392
Male sex	870 (51%)	3543 (58.8%)	2481 (67.5%)	1448 (72.8%)	8342 (62.3%)
Arrival by Ambulance*	98 (10.4%)	336 (10.8%)	249 (12.2%)	210 (17.7%)	893(12.3%)
GP Referral source *	112 (11.8%)	431 (13.9%)	332 (16.2%)	272 (22.9%)	1147 (15.9%)
Triage Category					
1	2 (0.1%)	17 (0.3%)	11 (0.3%)	10 (0.5%)	40 (0.3%)
2	273 (15.9%)	835 (13.9%)	672 (18.3%)	472 (23.7%)	2252 (16.8%)
3	961 (56.3%)	1551 (25.8%)	1096 (29.8%)	762 (38.3%)	4370 (32.6%)
4 or 5	471 (27.6%)	3614 (60%)	1890 (51.4%)	743 (37.4%)	6718 (50.1%)
Time in dept: h	3.99	3.33	3.46	3.7	3.5 (+/-2.5)
Admitted to ward	396 (22.3%)	350 (5.2%)	342 (7.2%)	196 (8.35%)	1123 (8.4%)
Admitted ICU	1 (0%)	3 (0%)	4 (0.1%)	0	8 (0.1%)
T/F to Neurosurgery	13 (0.8%)	36 (0.6%)	74 (2%)	30 (1.5%)	153 (1.1%)
Discharged home	1300 (76.2%)	5630 (93.5%)	3285 (89.4%)	1715 (86.2%)	11930(89.1%)
Died	0	0	0	1	1
OPD/ Review	8 (0.5%)	33 (0.6%)	34 (0.9%)	61 (3%)	136 (0.3%)
Neuroimaging	40 (2.3%)	151 (2.5%)	203 (5.5%)	176 (8.8%)	570 (4.3%)
Re-presented	31 (%)	119 (2%)	111 (3%)	130 (6.5%)	391 (2.9%)

**Data taken from only two centres. % expressed over denominator of total presentations to these two hospitals. ICU; intensive care unit, OPD; out-patients department.*

CHILDREN’S PALLIATIVE CARE; THE IDENTIFIED LEARNING NEEDS OF PAEDIATRICIANS95

Whitla et al surveyed 114 paediatricians about training in palliative care for children. The items that they required further knowledge about included pain management, management of the dying child, palliative care resources and communication skills.

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CASE REPORTS

DIAGNOSTIC LIMITATIONS IN CONGENITAL ZIKA VIRUS INFECTION.....101

Flanagan et al describe an infant with congenital zika virus infection. The striking clinical features were the microcephaly and the cutis gyrate.

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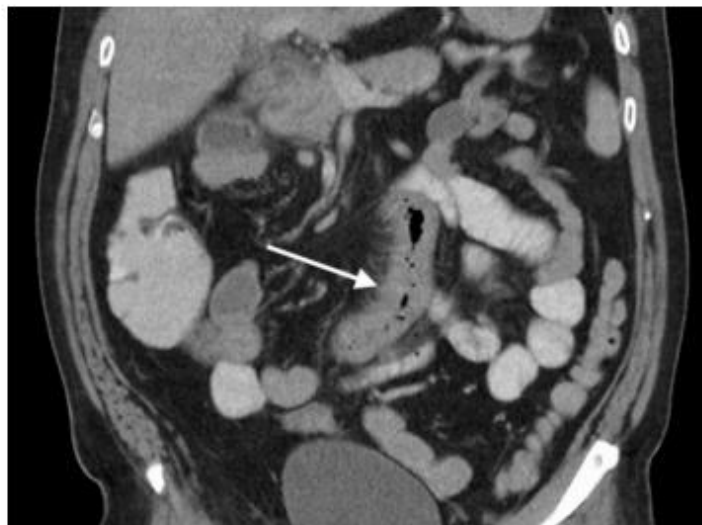


ENTERITIS AND SEVERE ABDOMINAL PAIN AS THE FIRST PRESENTATION OF COVID-19102

Keeler et al describe a patient whose initial presentation was with abdominal pain and diarrhoea. Subsequent chest imaging was suggestive of Covid-19 which was later confirmed.

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Image 1: Coronal image of the abdomen post IV and PO contrast administration demonstrating wall thickening at the level of duodenojejunal flexure and proximal jejunum (white arrow).



SHORT REPORTS

OUTCOMES POST THROMBOLYSIS FOR ACUTE PULMONARY EMBOLISM.....103

Danish et al report 25 patients who had thrombolysis therapy for pulmonary embolism. Four patients suffered complications due to the thrombolysis. The diffusing capacity was normal in all patients after therapy.

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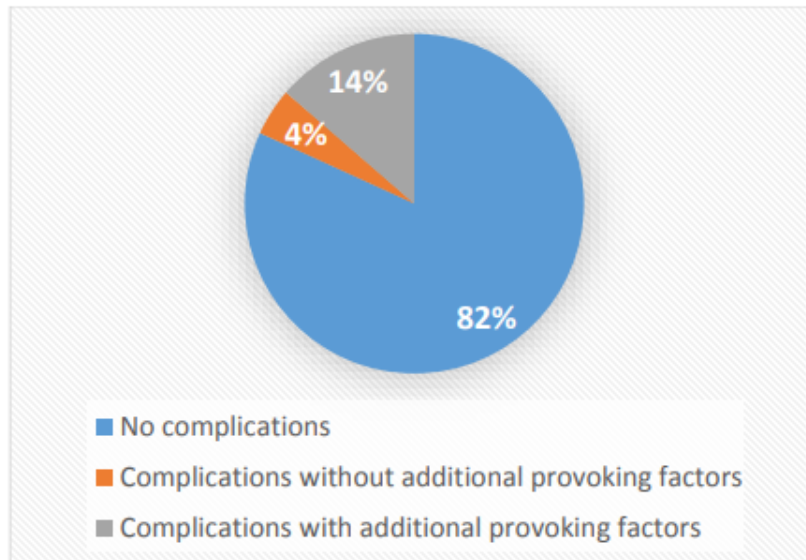


Figure 1. Complications Associated with thrombolysis. Four patients experienced complications, all of which comprised extracranial bleeding, 2 of these were minor.

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