

## ONLINE RESOURCE 2

BENHAMIDA M, BIHOUEE T, VERSTRAETE M, GRAS LE GUEN C, LAUNAY E.

### Online Resource 2 Outcomes Pre- and Post HUGO Guideline Implementation

Sub Group Analysis without patients with comorbidities

|  | 2011 n= 102    | 2013 n= 154    | P value |
|--|----------------|----------------|---------|
| Treatment <sup>a</sup> and test <sup>b</sup> | 42/102 (41%)   | 23/154 (15%)   | < 0.001 |
| At least 1 treatment <sup>a</sup>            | 45/102 (41%)   | 42/154 (27%)   | < 0.001 |
| At least 1 test <sup>b</sup>                 | 89/102 (87%)   | 47/154 (32%)   | < 0.001 |
| CXR  | 86/102 (84%)   | 47/154 (31%)   | < 0.001 |
| RSV Nasopharyngeal swabs                     | 28/102 (27%)   | 22/154 (14%)   | 0.073   |
| Inflammatory Blood test                      | 30/102 (29%)   | 15/154 (9.7%)  | < 0.001 |
| Antibiotic use                               | 38/102 (37%)   | 22/154 (14%)   | < 0.001 |
| Salbutamol use > 1 dose                      | 8/102 (7.8%)   | 7/154 (4.6%)   | 0.28    |
| Corticosteroid use                           | 10/102 (9.8%)  | 5/154 (3.3%)   | 0.013   |
| Chest Physiotherapy                          | 6/102 (5.9%)   | 0/154 (0%)     | 0.009   |
| Nasogastric fluid replacement                | 15/102 (15%)   | 56/154 (36%)   | < 0.001 |
| I.V. fluid replacement                       | 22/102 (22%)   | 19/154 (12%)   | 0.049   |
| Oxygen use                                   | 65/102 (66%)   | 76/154 (49%)   | 0.01    |
| O2 max. L/min. median (IQR)                  | 0.5 (0.25-1.0) | 0.5 (0.25-2.0) | 0.54    |
| Oxygen lenght. d. median (IQR)               | 1.5 (1.0-2.5)  | 1.5 (1.5-3.0)  | 0.19    |
| LOS in GP unit. d. median (IQR)              | 2.0 (1.5-3.5)  | 2.0 (1.5-3.5)  | 0.37    |
| ICU transfer                                 | 7/102 (6.9%)   | 4/154 (2.6%)   | 0.23    |
| All-cause 7-day readmission                  | 4/102 (3.9%)   | 7/154 (4.6%)   | 0.59    |

<sup>a</sup>Treatment among antibiotics /salbutamol / corticosteroids

<sup>b</sup> Test among CXR / blood test / RSV test

CXR. *chest-X-ray*; RSV. *respiratory syncytial virus*; ATB. *antibiotic prescription* ;

IV. *intravenous*; IQR. *interquartile range*