

- **The Problem**

- ED over-run with kids, especially in winter
- Kids blocking beds on Paeds Ward
- Paeds Docs tied up seeing kids on ward, don't make it to ED
 - worse congestion!
- **And now there's a 6-hour target!...**

- **The Plan (June 2014)**

- Move 1 Paed Reg into ED
- Aim for rapid assessment & decision
- “Pull” potential patients when ED gets overloaded
- 2nd SMO goes to ED in winter
- Culture/Attitude Change
 - “ED is just another place where kids are.
It's just another place we do business.”**



Waikato Paed Med Volumes

| | Inpatients | ALOS | Total Bed Days | RSI |
|-----------------------|------------|------|----------------|------|
| Jul-Jun 2013-2014 | 2827 | 2.9 | 8198 | 115% |
| Jan-Dec 2014 | 3305 | 2.6 | 8593 | 106% |
| Jul-June 2014-2015 | 2606 | 3 | 7818 | 90% |
| Jan-Dec 2015 | 2655 | 2.8 | 7434 | 75% |
| Jul-June 2015-2016 | 2632 | 2.7 | 7106 | 78% |
| Oct-Sep 2015-2016 | 2542 | 2.6 | 6609 | 89% |



Waikato Paeds ED Volumes



| Year | Walk-ins | GP referred | Total | Paed Med ED Discharges |
|-----------------------|----------|-------------|-------|------------------------|
| 2012 | 10211 | 3940 | 14151 | 1651 |
| 2013 | 10225 | 4286 | 14511 | 1820 |
| 2014 | 10104 | 4286 | 14390 | 1627 |
| 2015 | 10531 | 4613 | 15144 | 2149 |
| 2016 | 10256 | 4794 | 15050 | 2216 |
| 2017 (Year to Feb) | 6859 | 3097 | 9956 | 1405 |



- Reduction in Paed Med Inpatients 2014 – 2016
 - Admissions: 763 Patients
 - Occupancy: 1984 Bed Days
 - **23%** reduction in both
- Increase in Paed Med Activity in ED 2014 – 2016
 - Stable numbers of walk-ins & 12% increase in GP refs
 - Paed Med Discharges from ED increased by 589 (**36%**)
- Reduced RSI of Inpatients with stable ALOS
 - => Less sick patients not admitted (sent home from ED)

Do they bounce?

| Year | KESSU Discharges | 48hr Returns | 28day Returns |
|-----------------|------------------|--------------|---------------|
| Standard | 75% | 5% | 20% |
| 2013 | 57.5% | --- | --- |
| 2014 | 57.2% | --- | --- |
| 2015 | 72.2% | 5.9% | 17.1% |
| 2016 | 74.7% | 4.7% | 17.1% |



It's a question of CULTURE

- In ED
- With ED
- Ownership
- Unanticipated consequence
 - The data doesn't "see" Paed Med docs working in ED
 - Currently working with HRT to see if we can sort this



