National Learning Event – 8th November 2012

Achieving High Reliability in Healthcare

Powys teaching Health Board
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Rapid Response to Acute Illness (RRAILS)
Successfully introduced NEWS to all wards by 1st April 2012 deadline

Excellent multidisciplinary team involvement in PDSA cycles to develop new assessment forms
1. Analysis
Before introduction of NEWS comparisons were made to existing observation systems

2. Development
This informed the development of our NEWS observation form

3. Feedback
Staff opinion guided the development of the trigger actions suitable for community setting

4. Success!
The work was recognised by short listing for the NHS Wales awards
Next steps – SEPSIS!

Powys has no District General Hospitals so a Sepsis 6 bundle is not appropriate, but we are taking a number of steps to tackle the dangers of sepsis.

Sepsis warning strap line added to the NEWS chart.

Safety and Quality Improvement newsletter sent out Powys wide to mark World Sepsis Day.
Antipsychotics in Dementia Care

Anti-psychotics are a range of highly effective medications that historically were used to treat schizophrenia and manic depression.

More recently however they have been commonly prescribed to reduce agitation, restlessness, anxiousness and aggression in people with dementia.

Despite there being little evidence to support the universal use of these drugs in people with dementia, and the significant risks in terms of increased morbidity and mortality that arises from their long term use, many residential home clients with dementia continued to be prescribed these drugs long after the suggested 3 month maximum treatment period.

The Powys Medicines management team in collaboration with a local nursing home, GPs, community mental health teams and DGH based psychiatrists sought to reduce or eliminated the number of doses of antipsychotics given.
Antipsychotics

Case History “The Mountains”, Brecon
A 30 bed residential home for clients with dementia

Audit 1 - August 2011
16 clients previously started on antipsychotics

Interventions
Liaison with GPs, CMHT Psychiatrists to agree who responsible for reviews

Education of care home staff and managers on dementia care

Audit of antipsychotic use and review

- Zero reviewed in last 3 months
- Zero with reduction in dose
- Zero with attempt to stop medication
Antipsychotics

Case History “The Mountains”, Brecon
A 30 bed residential home for clients with dementia

Audit 2 - November 2011
16 clients previously started on antipsychotics

Intervention Results
7 clients have stopped taking antipsychotics
1 client has had their dose reduced
1 client reviewed and dose maintained
1 client excluded – diagnosis of schizophrenia
1 client died
5 still to be reviewed
Antipsychotics

Case History “The Mountains”, Brecon
A 30 bed residential home for clients with dementia

Audit 3 - February 2012
8 clients (7 from Audit 2 plus a new resident)

Intervention Results
4 clients have had their dose reduced
3 clients reviewed and dose maintained
1 client still to be reviewed
Antipsychotics

Case History “The Mountains”, Brecon
A 30 bed residential home for clients with dementia

Audit 4 - May 2012
10 clients (8 from Audit 3 plus 2 new residents)

Intervention Results
4 clients have had their dose reduced
1 client reviewed and dose maintained
2 clients have had their medication stopped
1 client died
Antipsychotics

Case History “The Mountains”, Brecon
A 30 bed residential home for clients with dementia

Overall results to May 2012
16 clients in programme – 9 have had the medication stopped and the other 7 have been reviewed and six have had their dose reduced.

Work also underway in two more residential homes with plans to begin in two more in a few weeks

Benefits
➢ patients less sedated, able to interact, communicate, live!
➢ patients more active and able to self care and participate in activities.
➢ greater job satisfaction for staff
➢ staff confident to deal with challenging behaviour through person-centred care and non-pharmacological approaches.

“We know there is no cure for dementia, but we wanted to take part in this pioneering project to see what improvements could be made in residents’ quality of life if we monitor the use of antipsychotic medication and where appropriate reduce and stop it.”
Robin Cheesman, Director Milkwood Care Ltd
SKIN Bundle

The Powys Tissue Viability nurses working in collaboration with ward based and community nurses have developed a 4 point SKIN bundle implementation plan for both hospitals and residential/nursing homes.

1. Assessment of staff knowledge on pressure damage prevention
2. Point prevalence audit
3. Training delivered on SKIN bundle methodology
4. Re-assessment of staff knowledge and measurement of SKIN bundle compliance
SKIN Bundle roll out

Site Stage key

1. Staff knowledge evaluated
2. Prevalence audit done
3. SKIN Bundle training underway
4. SKIN Bundle in use and monitored

= hospital
= Community nursing/residential home

Map showing locations in Montgomeryshire, Radnorshire, Brecknockshire, and Powys with different colored circles indicating stage of implementation.
Theatre measures

Theatre staff continue to monitor compliance with the Normothermia Appropriate hair removal and WHO Checklist safety measures.