Sepsis strategy for Lancashire Care Homes 2017-2020

**Aim** - To improve sepsis related experiences and outcomes for care home residents across Lancashire

**SIGNS OF SEPSIS CAN INCLUDE:**
- Slurred speech
- Extreme shivering or muscle pain
- Passing no urine (in a day)
- Severe breathlessness
- ‘I feel like I may die’
- Skin mottled or discoloured

**WHY?**
Together we want to prevent avoidable illness, harm and unnecessary deaths caused by sepsis

Post infection reviews for MRSA & *C. difficile* (from 2015) with care homes found:
- A lack of consistent and evidence based approaches for detecting sepsis
- Variation in the use of language and clinical evidence to communicate to key health care providers
- ‘We think this is sepsis’ was not stated
- Delays in the timely escalation for appropriate healthcare
- District nurses and care home staff also tell us sepsis is a problem that needs to be addressed

**WHAT?**
Our sepsis training and development sessions for Lancashire care homes are designed to improve staff knowledge, confidence and skills to shape better sepsis care for residents

Our training and development sessions include how to:
- Prevent infections in care homes
- Identify & report signs of infections early and request appropriate treatment from GPs
- Safety net residents using NEWS with understanding of normal baseline observations
- Identify deterioration and suspicion of sepsis early = NEWS + signs of infection + soft signs of sepsis
- Escalate residents for time critical and appropriate healthcare
- Improve care of residents post sepsis diagnosis
- Raise public and professional awareness of sepsis

**WHERE?**
When care home staff are trained, implementation of approaches in our residential and nursing care homes looks like this:

**LEADERSHIP & MANAGEMENT**
- Managers
- Deputy managers
- Nurses
- Senior carers:
  - Inspire & lead change
  - Develop teams
  - Embed and sustain new approaches
  - Local training, development & support sessions
  - NEWS on line training + certification
  - NEWS competency sign off booklet
  - Knowledgeable, skilled, confident staff
  - NEWS score sheet
  - NEWS recording
  - Deterioration protocols: NEWS + signs of infection + suspicion of sepsis
  - Escalation protocols
  - Improved quality handovers
  - Improved transfers of care between providers

**QUALITY ASSURANCE**
- Residents:
  - Receive monthly baseline observations + records
  - Infections, where appropriate, are treated at source
  - Are tracked for deterioration & suspicion of sepsis
  - Staff are more aware of care needs post sepsis diagnosis

**STAFF + SYSTEMS**
- Our residents have said:
  - We like having our observations taken, knowing they are within normal range and if they are not, we know something will be done about it. We feel reassured.
- Julie Carman, sepsis survivor and UK Sepsis Trust volunteer:
  - The care home staff will know their residents well and be able to advocate for their residents if needs be...It is my belief that this work will improve timely treatment, diagnosis and outcomes for this age group and empower the staff.

**WHEN?**
We are currently improving the management of suspected and diagnosed sepsis with our partners: clinical commissioning groups; GPs; community nurses; acute trusts; NWAS & NHS England within Lancashire care homes and across community and hospital care pathways

When our approaches are implemented by care home staff, our anticipated outcomes are the:
- Implementation of sustained and consistent evidence based and best practice approaches to the prevention and management of sepsis in care homes
- Improved communication between health and social care professionals with regards to the management of residents with sepsis
- Improved and timely responses across community healthcare providers to attend to the needs: residents with suspected sepsis
- Rapid referral of residents to local acute trusts for appropriate and time critical treatment of sepsis
- Increased awareness of the care needs of residents post sepsis diagnosis
- Improved public awareness of sepsis in Lancashire care homes

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