

Suspected UTI

Use the UTI / Infection Assessment tool.

Do NOT dip urine to diagnose a urinary tract infection

Symptoms of Urinary Tract Infection (UTI)

Either

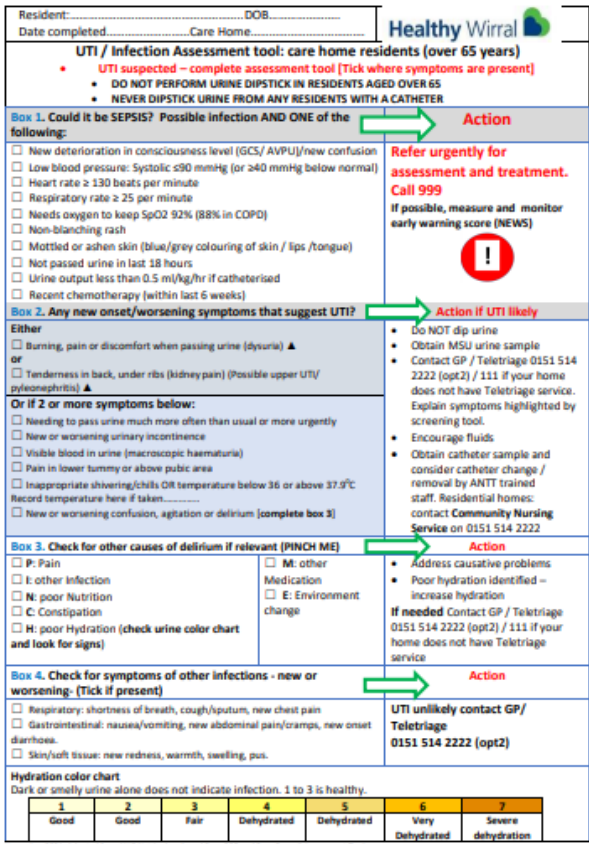
- Burning, pain or discomfort when passing urine (dysuria)

Or

- Tenderness in back, under ribs (kidney pain) (Possible upper UTI)

Or if 2 or more symptoms below:

- Needing to pass urine much more often than usual or more urgently
- New or worsening urinary incontinence
- Visible blood in urine (macroscopic haematuria)
- Pain in lower tummy or above pubic area
- Inappropriate shivering/chills OR temperature below 36°C or above 37.9°C
- New or worsening confusion, agitation, or delirium



UTI / Infection Assessment tool: care home residents (over 65 years)

- UTI suspected – complete assessment tool (Tick where symptoms are present)
- DO NOT PERFORM URINE DIPSTICK IN RESIDENTS AGED OVER 65
- NEVER DIPSTICK URINE FROM ANY RESIDENTS WITH A CATHETER

Box 1. Could it be SEPSIS? Possible infection AND ONE of the following:

- New deterioration in consciousness level (GCS/ AVPU)/new confusion
- Low blood pressure: Systolic ≤ 90 mmHg (or ≥ 40 mmHg below normal)
- Heart rate ≥ 130 beats per minute
- Respiratory rate ≥ 25 per minute
- Needs oxygen to keep SpO₂ 92% (88% in COPD)
- Non-blanching rash
- Mottled or ashen skin (blue/grey colouring of skin / lips / tongue)
- Not passed urine in last 18 hours
- Urine output less than 0.5 ml/kg/hr if catheterised
- Recent chemotherapy (within last 6 weeks)

Box 2. Any new onset/worsening symptoms that suggest UTI?

Either

- Burning, pain or discomfort when passing urine (dysuria) ▲
- or
- Tenderness in back, under ribs (kidney pain) (Possible upper UTI/ pyelonephritis) ▲

Or if 2 or more symptoms below:

- Needing to pass urine much more often than usual or more urgently
- New or worsening urinary incontinence
- Visible blood in urine (macroscopic haematuria)
- Pain in lower tummy or above pubic area
- Inappropriate shivering/chills OR temperature below 36 or above 37.9°C
- Record temperature here if taken:
- New or worsening confusion, agitation or delirium [complete box 3]

Box 3. Check for other causes of delirium if relevant (PINCH ME)

P: Pain
I: other Infection
N: poor Nutrition
C: Constipation
H: poor Hydration (check urine color chart and look for signs)

M: other Medication
E: Environment change

Box 4. Check for symptoms of other infections - new or worsening: (Tick if present)

- Respiratory: shortness of breath, cough/sputum, new chest pain
- Gastrointestinal: nausea/vomiting, new abdominal pain/cramps, new onset diarrhoea.
- Skin/soft tissue: new redness, warmth, swelling, pus.

Hydration color chart
Dark or smelly urine alone does not indicate infection. 1 to 3 is healthy.

1	2	3	4	5	6	7
Good	Good	Fair	Dehydrated	Dehydrated	Very Dehydrated	Severe dehydration

Confusion or delirium may be caused by a number of factors – Check **PINCH ME**

<input type="checkbox"/> P: Pain <input type="checkbox"/> I: other Infection <input type="checkbox"/> N: poor Nutrition <input type="checkbox"/> C: Constipation <input type="checkbox"/> H: poor Hydration (check urine colour chart and look for signs)	<input type="checkbox"/> M: other Medication <input type="checkbox"/> E: Environment change
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