



**Tunstall**

Enabling independent living

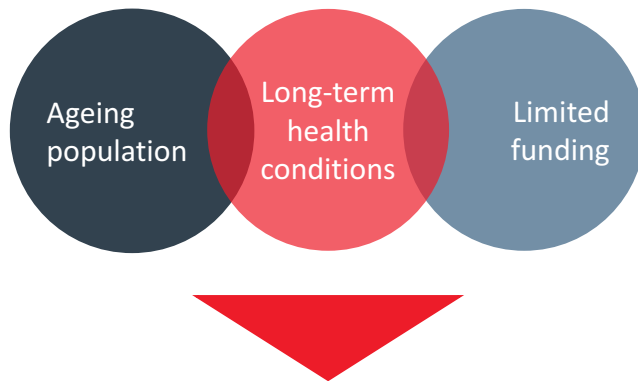
## NHS Calderdale CCG's Quest for Quality in Care Homes

Using telehealthcare to enable  
integrated, anticipatory and  
sustainable health and care  
services

# UK – Healthcare Challenges and Solutions

## Challenges

Society faces a growing healthcare challenge



Tunstall is helping to address these challenges

Enabling people to live more independently for longer at home through:

- Integrated services
- Risk management
- Self-care
- Early intervention

## Connected Healthcare solutions

Market changes are creating increasing opportunities for Connected Healthcare

Growth in IP-connected users, and the emergence of an 'Internet of Things'

Need for more integrated and preventative services to enable population management at scale

Drive towards healthcare service delivery in the community and self-management

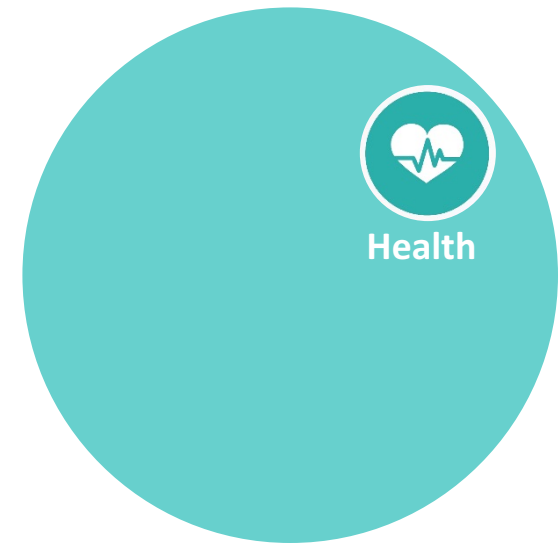
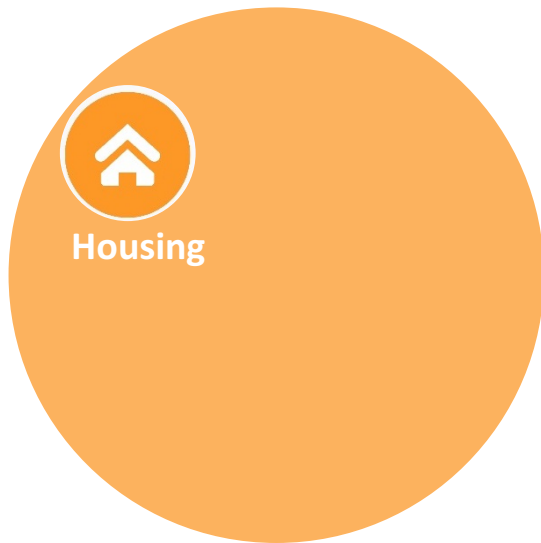
Technology enables the adoption of new models of care which are connected, proactive and improve outcomes across the health, housing and social care landscape

# Tunstall - Three areas of focus



# Tunstall - A more holistic approach

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# The Quest for Quality in Care Homes

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## THE CHALLENGE

- Serves a population of 213,000 people
- 17,000 with a long-term condition
- 18% of population aged 65 or over
- High and rising number of people living in residential care
- Residents of care homes disproportionate users of health and care services

# The Quest for Quality in Care Homes

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## THE AIMS

- Commissioning plan with a clear objective to establish a more consistent and sustainable model of care for older and vulnerable individuals
- A truly person-centred approach which would best meet the needs of people with long-term health and care needs
- Efficient use of NHS resources
- Address the variations in practice across care homes
- Reduce admissions to hospital due to UTIs, respiratory infections, falls

# The Quest for Quality in Care Homes

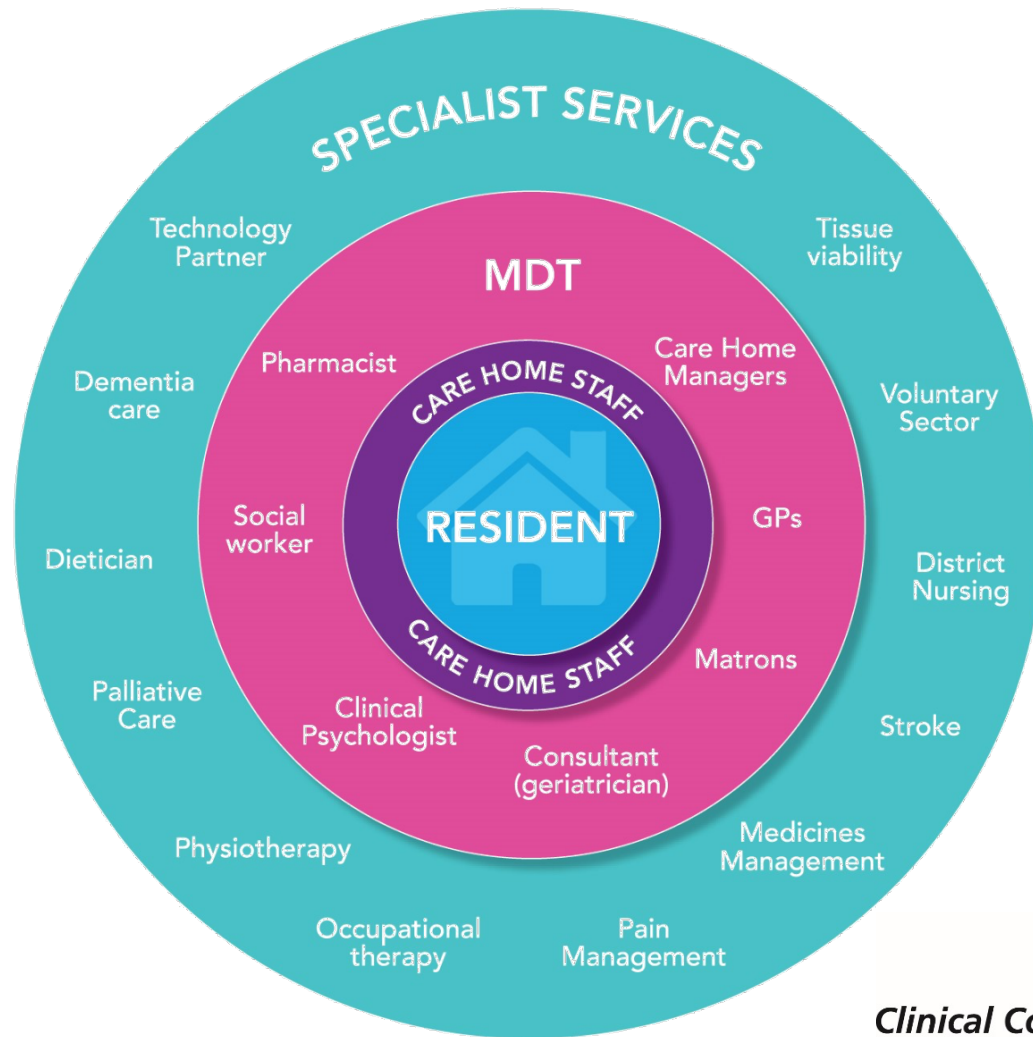
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## THE SOLUTION

1. Providing access for GPs and Quest Matrons to real time clinical records through the provision of an IT system in the care homes, enabling 'joined up' care and informed decision making.
2. Development of telecare and telehealth systems to support prevention, diagnosis and treatment, improve the quality of care provided and proactively deliver care to residents to help prevent deterioration.
3. Investment in a Multi Disciplinary Team (MDT), providing an integrated social and clinical approach to support anticipatory care planning.

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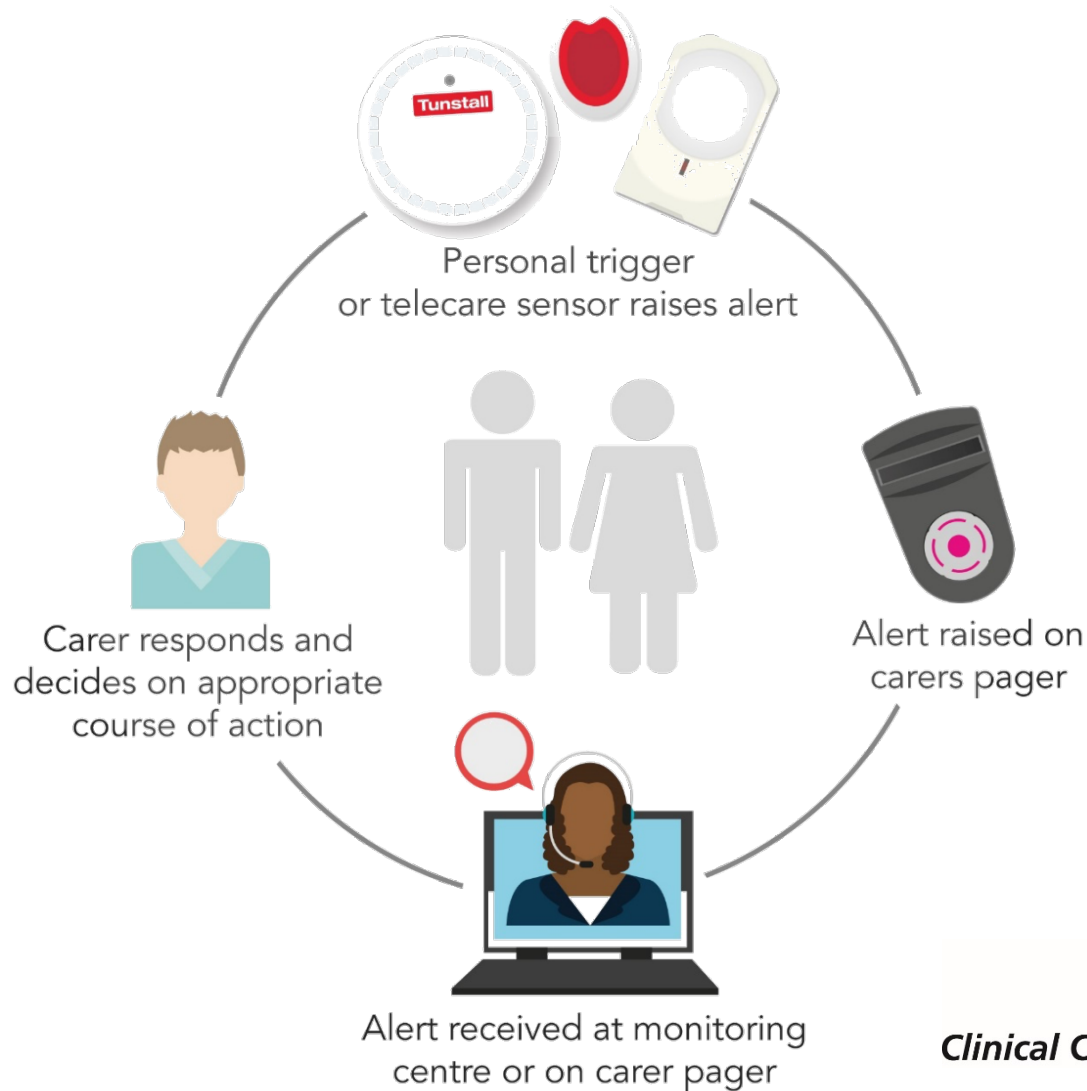
## THE MDT





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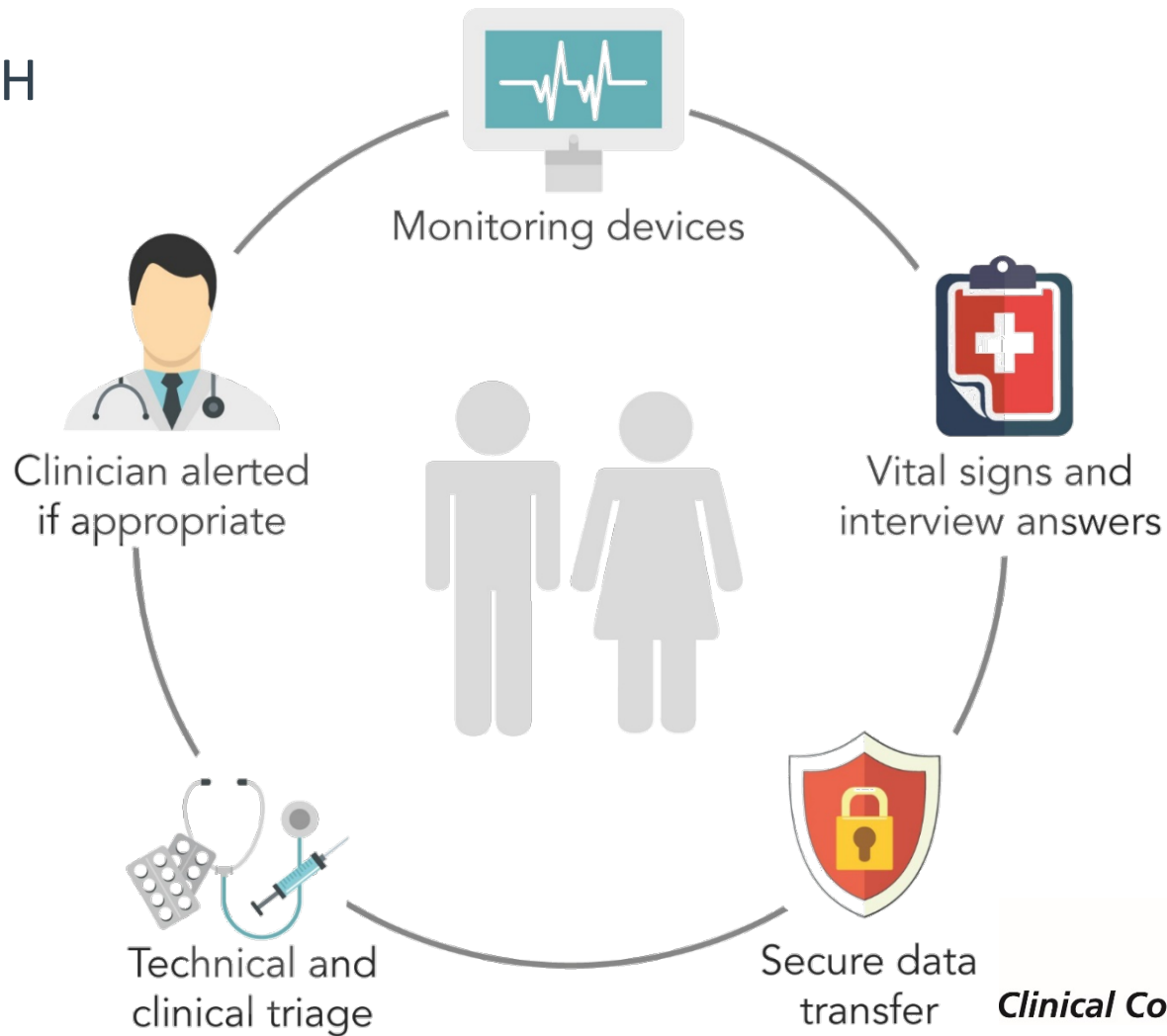
## TELECARE



**NHS**  
Calderdale  
Clinical Commissioning Group

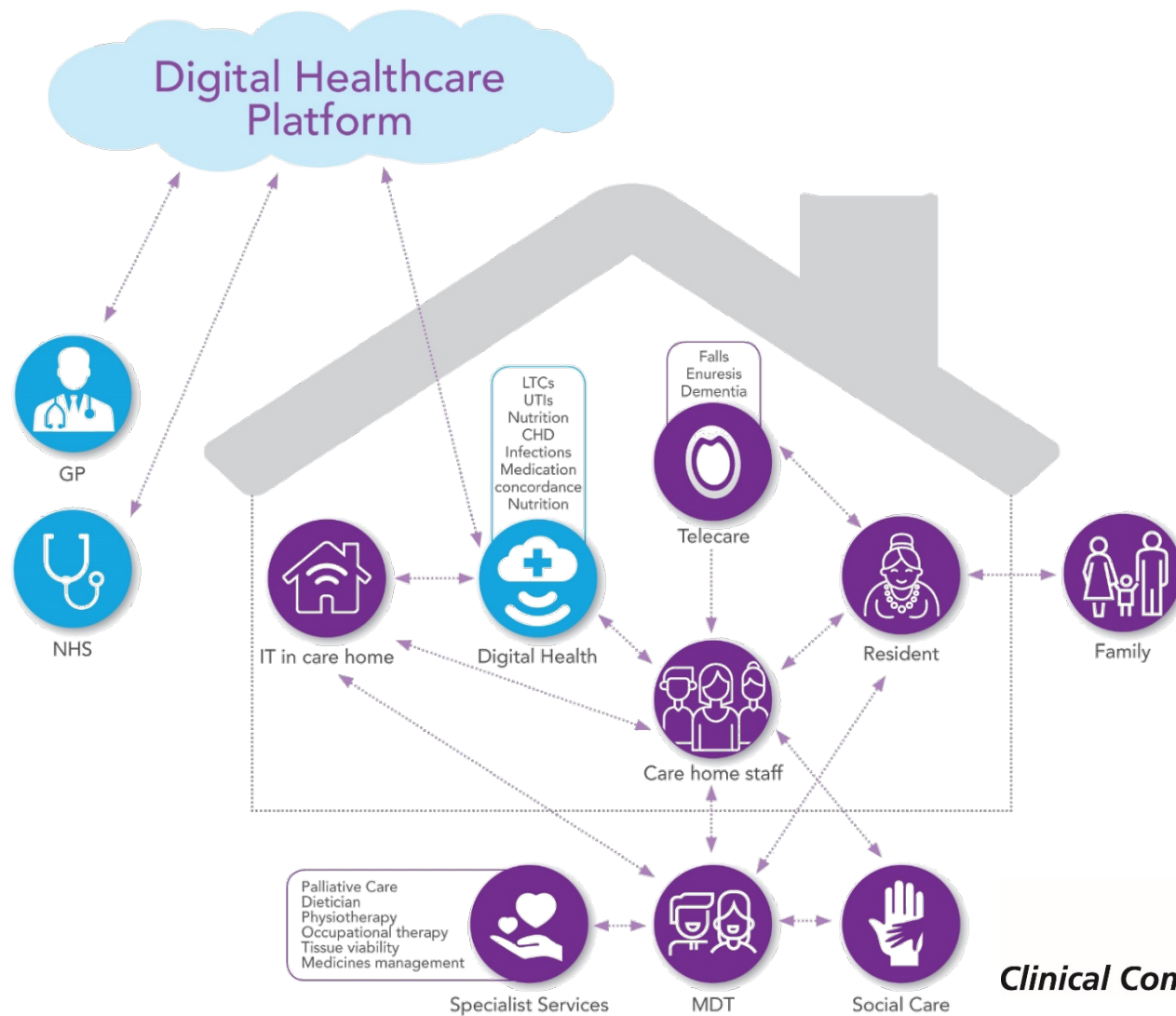
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## TELEHEALTH








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# The Quest for Quality in Care Homes



# The Quest for Quality in Care Homes

## RESULTS

		Results to March 2015	Results to March 2016
<b>Hospital stays</b>		26% reduction year-on-year	26% reduction year-on-year
<b>Hospital bed days used</b>		16% reduction year-on-year	30% reduction year-on-year
<b>Emergency admissions</b>		25% reduction year-on-year	33% reduction year-on-year
<b>GP care home visits to Quest for Quality Care Homes</b>		58% fewer visits than to non Quest homes	45% fewer visits than to non Quest homes
<b>Cost of hospital stays</b>		Reduced saving £456,166 year-on-year	Reduced saving £799,561 year-on-year

**NHS**  
Calderdale

**Clinical Commissioning Group**

# The Quest for Quality in Care Homes

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## LATEST RESULTS

- 1,300 people supported with telecare over the last five years.
- Results from 28 homes using telecare to help manage falls showed:
- Admissions to hospital as a result of fractures have reduced by 7.7% year on year from 2016/17 to 2017/18 which has resulted in savings through the Quest programme in excess of £200,000.
- 50% of care homes have seen a reduction in falls year on year of at least 10%.
- The percentage of falls to total incidents has decreased year on year from 25.7% to 23.7%.

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Thank you