360 Oncology Overview

Operating System for Cancer Care

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PATIENT-CENTRIC ONCOLOGY FOCUS

From radiotherapy-centric…

- Radiosurgery systems
- Proton therapy
- Radiation oncology information systems
- Radiotherapy
- Brachytherapy
- Radiation oncology tracking software

…to a patient-centric oncology partner

- Interventional oncology
- Software & analytics
- Medical oncology
- Diagnostic imaging
- Molecular medicine
- Surgical oncology
- Services

Radiation oncology
Oncology outlook

2014
Volume based oncology delivery

2018
Volume to value transition

2020
Value based oncology delivery
Current challenges delivering high quality cancer care

“Cancer care is often not as patient-centered, accessible, coordinated, or evidence based...”
Complexities of cancer care coordination

- Genetic Counselor
- Oncology Nurse
- Surgical Oncologist
- Rehabilitation Specialist
- Palliative Care Specialist
- Oncologist
- Primary Care Provider
- Pathologist
- Clinical Care Worker
- Radiologist
- Cardiologist
- Orthopedist

NCCS
Cancer care is complex
UK survival lags behind EU average
360 Oncology™
Operating system for cancer care

- Patient Reported Outcomes
- Integrated Guidelines & Pathways
- Predictive Survivorship
- Clinical Insights
- Analytics
- DECISION SUPPORT
  (MDTB)
- Engage Patients Meaningfully
- PATIENT ENGAGEMENT
- Engage Team Effectively
- Deliver Team-Based Care Efficiently
- REFERRAL MANAGEMENT
- Make Decisions Confidently
- CARE COORDINATION
- Improve Outcomes
- Reduce Costs
- Integration
- Security
- Rapid Learning
- Technology Partners
- SAAS
- Improve Outcomes
- Reduce Costs

Differentiators
Enablers

Not available for sale in all markets. Specifications are subject to change without notice. Some works in progress.
360 Oncology
Components

1. Care coordination
2. Referral management
3. Decision support
4. Patient engagement

49.2% EHR & Desk work

(Christine Sinsky et. al, 2016)
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Referral ambitions

Cancer waiting times targets

- 93% meeting 14 day target
- 96% meeting 31 day target
- 85% meeting 62 day target
Referral ambitions

Vs reality

- **85% receive treatment within 62 days of urgent referral**
  - England missed 2.5 years

- Other
  - Scotland missed 3 years
  - Wales missed for 7.5 years
  - Northern Ireland never achieved
360 Oncology

Components

1. Care coordination
2. Referral management
3. Decision support – MDT meetings
4. Patient engagement

35% MDT’s in UK

Serious Concern/Immediate Risk to Patients or Staff
MDT’s

Scale of the challenge

MDT discussions in 2014/15

- NHS Reference Costs (National data set)
  - £111/MDT
- Royal Marsden NHS study
  - £415/MDT

1.4 million
Multi-disciplinary team meetings
(Tumour boards)

Care Team Collaboration

**Preparation**
Hours per patient can be reduced to minutes

**Participation**
Cloud based allows for remote participation

**Process**
Streamlined interface with advanced functionalities
Multi-disciplinary team meetings
(Tumour boards)

Real World Outcomes

Patient Reported Outcomes
Use PROMs to guide and support decision making

Evidence Based Decisions
Real-time contextually relevant data to drive true evidence based decisions

Data exploration
Discover important patterns and trends in survivorship, adverse events and treatment modalities
Multi-disciplinary team meetings
(Tumour boards)

**External Models**

**Predictive/Prognostic**
- Preloaded models to support decision making

**Automated**
- Inputs automatically extracted, with adjustment possible

**Democratize Expertise**
- Best practice approaches and guidance on the fly
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64% of patients use a digital device to manage their health

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No Pathways

Genetic Counselor
Oncologist
Rehabilitation Specialist
Primary Care Provider
Clinical Care Worker
Oncology Nurse
Surgical Oncologist
Pathologist
Orthopedist
Radiologist
Cardiologist
Palliative Care Specialist
Surgical Oncologist
Clinical Care Worker
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Guidelines and pathways

Breast

Genetic Counselor
Oncology Nurse
Surgical Oncologist
Rehabilitation Specialist
Palliative Care Specialist
Oncologist
Primary Care Provider
Pathologist
Clinical Care Worker
Radiologist
Cardiologist
Orthopedist

NCCS
Thank You
Collaborate
Have the whole team coordinate care seamlessly

Integration
Single source of truth with bi-directional data flow

Accessibility
Cloud based so can be accessed at any location

Care coordination
Patient centric

Cooperate
Care coordination
Patient centric

Patient Summary

Patient information
Historical patient data

Workflow
Integration into patient pathways

Chronological visuals
Historical and future representation of events and results

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Referrals
An extension of care coordination

Electronic
Paperless and cloud based improving accessibility

Primary Care Physician

Standardization
History, tests, imaging requirements

Efficiency
Instantaneous with real-time submission and communication

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Meaningful patient engagement

360’s digital platform for patients

**Communication**
- Patient and care team 2 way communication, educational materials

**Patient experience and care improvement**

**PREMS / PROMS**
- Surveys to capture data which can be automated

**Accessibility**
- Cloud based, responsive design and a new mobile app

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