



Organisation for the Review of Care & Health Applications

Working with the NHS to search,
discover and recommend the
best health apps.

Liz Ashall-Payne
CEO

@OrchaUK

Quiz

How many health and care apps are there?

How many downloads of health and care apps are there each day?

What % of health and care professionals believe health and care apps could improve patients' health?

Out of every 10 children in the UK, how many own a Mobile phone?



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Are Health Apps and Mobile Healthcare the Future?



Weight loss Apps
50 MILLION
DOWNLOADS



Exercise Apps
26.5 MILLION
DOWNLOADS



Women's Health Apps
10.5 MILLION
DOWNLOADS



Sleep & Meditation Apps
8 MILLION
DOWNLOADS



Pregnancy Apps
7.5 MILLION
DOWNLOADS



Tools & Instruments Apps
26.5 MILLION
DOWNLOADS

PROFESSIONALS ARE SEEING THE OPPORTUNITY WITH HEALTH APPS TOO



80%

OF PROFESSIONALS ARE USING SMARTPHONES & MEDICAL APPS



40%

BELIEVE HEALTH TECHNOLOGIES CAN REDUCE THE NUMBER OF VISITS TO DOCTORS' OFFICE



93%

BELIEVE THAT THESE APPS CAN IMPROVE PATIENT'S HEALTH



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Room for caution...



- ❖ Similar to the shortcomings of information found on the Internet, information provided by apps is of variable quality



- ❖ Some suicide prevention apps found to provide a list of means for instant death...



- ❖ 50% of health apps receive **LESS THAN 500** downloads... and what users say doesn't equate to a quality app



- ❖ Unlike pharmaceuticals & medical devices there exists a considerable absence of information about the risks and side effects of apps



- ❖ Most apps have a usage drop-off rate of **64%** after just **one month**



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The Review Process



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What does this market place look like?

Android apps 150,565 iOS apps 153,638
Total of **304,203** health related Apps as of Oct 2017

Then the ORCHA DNQ rules are applied, which reduces this number to:
103,766

There are the following numbers of apps in these example categories

Alcohol	1,172
Children's/babies' health	217
Diet	9,497
Diabetes	3,458
Sexually transmitted diseases	2,853
Alzheimer's disease	469
Anxiety	2,222
Stress	6,266
Suicide prevention	38
Heart disease	6,380



Scoring and Publication

Data Security **Data Safety** **Clinical Validity** **User Experience** **User Feedback**

What is the potential value? What is the possible Risk?

Health App
Value: 48 Risk: 69 Self Managed

Averone Health App
Value: 75 Risk: 50



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Driving Transformational Change

MY APPS
A HEALTHIER FUTURE

Promoting better apps
for better outcomes

Get apps you can trust.

Enter a keyword

Find App

First time here? Click here

FIND APPS

Sign Up

Digital Healthy
Schools

Home About Sign Up

Search. Discover. Recover.

Enter a keyword to search

All Platforms



The screenshot shows the Lancashire Care NHS Foundation Trust website. The header includes the NHS logo and the text 'Lancashire Care NHS Foundation Trust'. The navigation menu has links for Home, About Us, Our Services, Involvement & Engagement, Health & Wellbeing, and Contacts & Feedback. A prominent banner features a red Ford car with the text 'WITH NAVIGATION AND ACTIVE CITY STOP' and 'Go Further'. Below this, a large green and blue banner reads 'We want to help you find the best apps to improve your health' and 'Working for us'. A Twitter widget is visible on the right side of the page.



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ORCHA™
Organisation for the Review of Care & Health Applications

Driving Transformational Change via Clinicians

MY APPS
A HEALTHIER FUTURE

FIND APPS Sign Up Login About

Promoting better apps for better outcomes

Get apps you can trust.

Enter a keyword

Find Apps

First time here? [Click here to read more.](#)

My Patients

Conversion rate: 50%

[View All](#)

+447980671581
Invitation not yet accepted

Last Recommended
9/2/2016

john@quaenam.com
Invitation not yet accepted

Last Recommended
9/2/2016

Justin wrench
+447401164796

Last Recommended
9/2/2016

Last Recommended
8/31/2016

My Recommendations

[View All](#)

9/2/2016



Headspace
Record Feedback

Recommended on
9/2/2016

Recommended to
+447980671581



Recovery Record Eating Disorde...
Record Feedback

Recommended on
9/2/2016

Recommended to
john@quaenam.com



Conquering Social Anxiety Diso...
Record Feedback

Recommended on
9/2/2016

Recommended to
[Justin wrench](#)

8/31/2016

Recommendation #219

Conquering Social Anxiety Disorder for iOS

Value: 71 Risk: 3 Practitioner

Date: 02/09/2016 Recommended by: Dr. Admin Orcha

Justin wrench
+447401164796
justin.wrench@g...



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We are working with:



West Lancashire
Clinical Commissioning Group



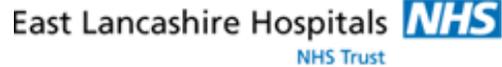
Blackburn with Darwen
Clinical Commissioning Group



Chorley and South Ribble
Clinical Commissioning Group



Clacton Coastal
Academy
To make our best better



Working Towards Excellence



Fylde and Wyre
Clinical Commissioning Group



Organisation for the Review of Care & Health Applications



NHS
North West London
Collaboration of
Clinical Commissioning Groups

HYNDBURN
The place to be
an excellent council

Intelesant

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Lancaster
University

Lancashire Care **NHS**
NHS Foundation Trust

Lancashire
County
Council

LHP
LIVERPOOL
HEALTH PARTNERS

Lancashire Teaching Hospitals **NHS**
NHS Foundation Trust

YORKSHIRE & HUMBER
ACADEMIC HEALTH SCIENCE NETWORK

NHS
England

NWSIS
NORTH WEST SHARED
INFRASTRUCTURE SERVICE

**Ormiston
RIVERS
Academy**

**Our
Healthy
Future**

Borough of
Pendle

**THE
PHILIP MORANT
SCHOOL AND COLLEGE**

pwc

Quaenam.

re:fresh
your health and wellbeing

Southport and Ormskirk
Hospital **NHS**
NHS Trust



Ribble Valley
Borough Council
www.ribblevalley.gov.uk

**Right
at
Home**
Quality Care in Your Home

swyft

NHS
Bolton Clinical Commissioning Group



University Hospitals
of Morecambe Bay **NHS**
NHS Foundation Trust

University of
Cumbria

ORCHA
Organisation for the Review of Care & Health Applications



Get in touch

hello@orcha.co.uk

Telephone: 0151 123 4567

www.orcha.co.uk



Thank you

