

**Table S1: Full list of apps and descriptive data extracted from stores.**

Name of App	Name of developer	Cancer Type	Owner Nature*	Country*	Platform	Fee	Downloads (Google only)	Number of raters / (rating out of 5.0) Google	Number of raters / (rating out of 5.0) Apple \$
1 in 3 Cancer Support	Origin Digital Limited	All	Charity	UK	Both	Free	10+	1 (5.0)	Not enough
Adrenal cancer – others like me	Eli Maliki	All	Unclear	Unclear	Google	Free	1000+	2 (5.0)	N/A
Attack cancer using hypnosis	Ron Eslinger (Healthy Visions)	All	Commercial	USA	Both	£6.49 Google, £9.99 Apple	10+	2 (5.0)	Not enough
BCG Treatment	Rosewell Park Comprehensive cancer center	Bladder	Healthcare organisation	USA	Both	Free	50+	None	Not enough
BECCA – Breast cancer care app	Breast cancer care	Breast	Charity	UK	Both	Free	5000+	38 (4.5)	19 (4.5)
BELONG Beating Cancer	BelongTail	All	Commercial	USA	Both	Free	50000+	661 (4.7)	29 (4.9)
Best Prostate Cancer Treatment	RL Technology LLC	Prostate	Commercial	Unclear	Apple	Free	N/A	N/A	Not enough
Bible verses for cancer – strength verses	Watchdis prayers	All	Unclear	Netherlands	Google	Free	1000+	26 (4.8)	N/A
BigC-Connect	Jane Boag	All	Charity	Singapore	Both	Free	500+	8 (5.0)	Not enough
Bladder Cancer Manager	point of care	Bladder	Commercial	USA	Apple	Free	N/A	N/A	Not enough

Blood cancer storylines	Self care catalysts	Haematological	Commercial	USA	Both	Free	50+	none	Not enough
Blood cancer treatment	Ahalya	Haematological	Unclear	India	Google	Free	500+	2 (5.0)	N/A
Boobytrapp	Phoenix Consult PTE	Breast	Commercial	Unclear	Both	Free	50+	2 (5.0)	Not enough
Bowel Cancer	Princeton Digital	Bowel	Charity	Australia	Both	Free	1000+	Missing	Not enough
BRAVE Coalition	Tied Tech LLC	Breast	Charity	USA	Apple	Free	N/A	N/A	Not enough
Breast Cancer Ally	University of Michigan	Breast	Academic	USA	Apple	Free	N/A	N/A	Not enough
Breast cancer Canada	Olive Branch of hope	Breast	Partnership	Canada	Google	Free	10+	none	N/A
Breast Cancer Diary	HomeInSync LLC	Breast	Commercial	USA	Apple	£4.99	N/A	N/A	Not enough
Breast Cancer Healthline App	Healthline Networks Inc	Breast	Commercial	USA	Apple	Free	N/A	N/A	Not enough
Breast Cancer Manager	point of care	Breast	Commercial	USA	Apple	Free	N/A	N/A	Not enough
Breast Cancer Social Network/My BC Team	My Health teams	Breast	Commercial	USA	Both	Free	1000+	44 (4.2)	Not enough
Breast Cancer Survivor	Portable Medical technology Ltd	Breast	Charity	Ireland	Apple	Free	N/A	N/A	Not enough
Breast Cancer: Beyond the shock	National breast cancer foundation	Breast	Charity	USA	Apple	Free	N/A	N/A	Not enough
Breast cancer: information about breast cancer	Doctor Apps	Breast	Commercial	Unclear	Google	Free	1000+	16 (4.6)	N/A

Breast friends app	Barry O'Mahoney	Breast	Charity	USA	Both	Free	10+	None	Not enough
Breast Cancer Gibraltar	Alan Pereira	Breast	Charity	Gibraltar	Apple	Free	N/A	N/A	Not enough
Bubble health	bubble health ltd	Breast and ovarian	Commercial	Unclear	Both	Free	10+	2 (5.0)	Not enough
CanAdvice+	MySmartHealth	Breast	Healthcare organisation	UK	Google	Free	10+	none	N/A
Cancel Cancer	Infinite Monkeys LLC	All	Commercial	Unclear	Apple	Free	N/A	N/A	Not enough
Cancer awareness network	Lewis Educational Consultants, Inc	All	Charity	USA	Both	Free	100+	10 (4.6)	Not enough
Cancer Care and Research News	Dana-Farber Cancer Institute	All	Healthcare organisation	USA	Apple	Free	N/A	N/A	Not enough
Cancer chemotherapy and healing colours	(Ron) Michael Eslinger (Healthy Visions)	All	Commercial	USA	Both	£6.49 Google, £8.99 Apple	10+	2 (3.0)	Not enough
Cancer Connect	Maree Hamilton	All	Commercial	Australia	Apple	Free	N/A	N/A	Not enough
Cancer cure	Balogh Jozsef Zoltan	All	Unclear	Hungary	Google	£28.90	1+	none	N/A
Cancer curing foods	Proven Digital Web Solutions	All	Commercial	India	Google	Free	10,000+	98 (4.4)	N/A
Cancer defeated	Christopher DiCristo, MagnifyMobile	All	Commercial	USA	Both	Free	100+	2 (2.0)	Not enough
Cancer Emergency Response Tool	Dorset cancer centre, developed by Portable Medical Technology	All	Healthcare organisation	UK	Apple	Free	N/A	N/A	Not enough
Cancer fighting app	Bhaktiedge	All	Unclear	Unclear	Google	Free	50+	None	N/A
Cancer fighting foods	Ayoub Bousetta, B6Squad Dev.	All	Commercial	Morocco	Google	Free	10,000+	29 (4.2)	N/A

Cancer iChart	Liverpool Drug Interactions Group	All	Academic	UK	Both	Free	50+	2 (4.0)	Not enough
Cancer Sites@Jeff	Thomas Jefferson University	All	Academic	USA	Apple	Free	N/A	N/A	Not enough
Cancer Support Community VVSB	Cancer support community VVSB, developed by Globonet Inc.	All	Charity	USA	Apple	Free	N/A	N/A	Not enough
Cancer Surveillance	GoMLV	All	Commercial	Unclear	Google	Free	1000+	21 (3.7)	N/A
Cancer survivorship connection	Peachtree Solutions LLC	All	Partnership	USA	Both	Free	10+	1 (5.0)	Not enough
Cancer Together	Independent Energy Consultancy Research	All	Unclear	France	Both	Free	10+	none	Not enough
Cancer-track and heal	Camille Madelon	All	Commercial	Unclear	Apple	Free	N/A	N/A	Not enough
Cancer Treatment Calendar	Long Nguyen	All	Commercial	Unclear	Apple	Free	N/A	N/A	Not enough
Cancer treatment tips	globalapps24	All	Commercial	Unclear	Google	Free	100+	none	N/A
Cancer wellness	S J Grant Unicorn Pacific Corps	All	Commercial	Pacific Islands	Apple	Free	N/A	N/A	Not enough
Cancer.Fitness Community	MAWaza LLC	All	Commercial	USA	Both	Free	50+	none	Not enough
Cancer.Net mobile	ASCO	All	Clinical Society	USA	Both	Free	10,000+	212 (4.3)	Not enough
CancerAid	CancerAid PTY Ltd	All	Commercial	>1	Both	Free	1,000+	25 (3.7)	Not enough
CancerIS	LemonMD	All	Commercial	USA	Apple	Free	N/A	N/A	Not enough

Cancerosity – cancer network	Throwr Pty Ltd	All	Commercial	Australia	Apple	Free	N/A	N/A	Not enough
CancerStop	Queromatics	All	Commercial	USA	Google	Free	100+	15 (5.0)	N/A
CanDi – cancer diet app	Faculty of Health Sciences University Universiti Sultan Zainal Abidin	All	Academic	Malaysia	Google	Free	500+	59 (4.7)	N/A
CanHOPE cancer support	LEAPP for Parkway Cancer Centre	All	Charity	Singapore	Apple	Free	N/A	N/A	Not enough
CarcinoidNETs HealthStorylines	Self care catalyts	Carcinoid	Partnership	USA	Both	Free	500+	8 (4.2)	Not enough
Chemo brain	Katharine Hargrove	All	Commercial	USA	Google	Free	100+	1 (5.0)	N/A
Chemotherapy	Rahul Baweja, Alpesh Patel	All	Unclear	Unclear	Both	Free	100+	None	Not enough
Cleveland Clinic Cancer Trials	Cleveland Clinic Innovations	All	Healthcare organisation	USA	Apple	Free	N/A	N/A	Not enough
ClinTrial refer breast cancer	Haematology Clinical Research Network, New South Wales	Breast	Clinical research network	>1	Both	Free	100+	1 (5.0)	Not enough
ClinTrial Refer Cancer Genetics	Haematology Clinical Research Network, New South Wales	All	Clinical research network	>1	Both	Free	50+	1 (5.0)	Not enough
ClinTrial Refer SA Cancer	Haematology Clinical Research Network, New South Wales	All	Clinical research network	Australia	Both	Free	10+	None	Not enough
Cnected	Get Cnected Ltd	All	Commercial	UK	Apple	Free	N/A	N/A	14 (4.7)
Colon cancer	(Ron) Michael Eslinger Healthy Visions	Colorectal	Commercial	USA	Both	£5.49 Google, £8.99 Apple	1+	None	Not enough

Community guide for women with cancer	Charach Cancer Treatment Center	All	Healthcare organisation	USA	Both	Free	50+	2 (5.0)	Not enough
Don't die 2	MiSong Foundation. Org	All	Unclear	USA	Google	£299.99	0+	None	N/A
E-home app questionnaires	Alice Lee Centre for Nursing Studies	Breast	Academic	Singapore	Google	Free	10+	None	N/A
Emory AWAKE	Emory University	All	Academic	USA	Both	Free	10+	None	Not enough
Eva: Cancer Support	Eva LLC	All	Commercial	USA	Both	Free	10+	None	Not enough
Eye cancer treatments	Things To Do	Eye	Commercial	Unclear	Google	Free	10+	None	N/A
Fight cancer naturally	Dr Isaac's Holistic Wellness	All	Healthcare organisation	India	Google	Free	100+	1 (1.0)	N/A
Focus on lymphoma	Lymphoma Research Foundation	Lymphoma	Charity	USA	Both	Free	5,000+	53 (4.7)	9 (4.4)
For Cancer Care	AMC Energy Canada	All	Commercial	Canada	Both	Free	10+	None	Not enough
Hope abounds inc.	Hope Abounds Imc	All	Charity	USA	Both	Free	10+	None	Not enough
iCancerHealth Cancer Care	Medocity	All	Commercial	USA	Both	Free	1,000 +	33 (4.4)	Not enough
Inkspiration	Crispin Porter & Bogusky	Breast	Charity	USA	Apple	Free	N/A	N/A	Not enough
Inspiration of cancer survivor story	CaveApps	All	Commercial	Malaysia	Google	Free	10+	None	N/A
It's a MANTHING – Prostate Cancer	Prostaid	Prostate	Charity	UK	Both	Free	500+	5 (5.0)	Not enough

Ketogenic therapy for cancer	seawellsoft private Limited	All	Commercial	India	Both	£9.49 Google, £12.99 Apple	10+	6 (4.8)	Not enough
Kidney cancer health storylines	self care catalysts	Kidney	Commercial	>1	Apple	Free	N/A	N/A	Not enough
Kidney cancer manager	point of care	Kidney	Commercial	USA	Apple	Free	N/A	N/A	Not enough
Kids cancer meds	David Ziegler	All	Commercial	Unclear	Both	Free	10+	None	Not enough
Live like Cameron	Melisa Fulling/ Rooterdog	Childhood cancers	Charity	USA	Both	Free	50+	1 (5.0)	Not enough
Liver cancer manager	point of care	Liver	Commercial	USA	Apple	Free	N/A	N/A	Not enough
Living with cancer	Things To Do	All	Commercial	Unclear	Google	Free	100+	None	N/A
Loving meditations	Mind Health LLC	All	Commercial	USA	Both	Free	10+	Missing	Not enough
Lung Cancer Foundation	Open cancer network	Lung	Charity	USA	Apple	Free	N/A	N/A	Not enough
Lung Cancer Manager	point of care	Lung	Commercial	USA	Apple	Free	N/A	N/A	Not enough
Lung cancer navigator	Lungevity foundation	Lung	Charity	USA	Both	Free	100+	2 (3.0)	Not enough
Lung cancer treatment	Things To Do	Lung	Commercial	Unclear	Google	Free	100+	None	N/A
Malecare prostate cancer	Malecare	Prostate	Charity	USA	Apple	Free	N/A	N/A	Not enough
Markey cancer center clinical trials app	University of Kentucky	All	Partnership	USA	Apple	Free	N/A	N/A	Not enough

MASCC Antiemesis Tool	Multinational Association of Supportive Care in Cancer (MASCC)	All	Partnership	USA	Both	Free	1000+	8 (4+)	Not enough
MD Anderson Mobile	MD Anderson cancer center	All	Healthcare organisation	USA	Both	Free	10,000+	305 (4.2)	Not enough
Melanoma UK	Melanoma UK and Vitaccess LTd	Melanoma	Partnership	UK	Both	Free	100+	2 (5.0)	Not enough
Merry medicine	9wise	All	Commercial	>1	Google	£7.49	1+	1 (5.0)	N/A
Mesothelioma Malignant Tumor Staging chemotherapy	Eduardo D'Avila	Mesothelioma	Unclear	USA	Google	Free	50+	4 (5.0)	N/A
MeTime Acupressure	University of Michigan	All	Academic	USA	Both	£9.49 Google, £9.99 Apple	5+	None	Not enough
Mindful cancer	Gordon Mullins	All	Unclear	Unclear	Apple	Free	N/A	N/A	Not enough
Mouth cancer treatment	Things To Do	Oral	Commercial	Unclear	Google	Free	100+	None	N/A
MVR Cancer Centre	MVR Cancer Centre and research institute, Calicut	All	Healthcare organisation	India	Google	Free	100+	5 (5.0)	N/A
My breast cancer advocate	Pathways2healing.us	Breast	Commercial	USA	Google	£1.22	10+	3 (5.0)	N/A
My Cancer Coach	Genomic health	Breast, prostate, and colon	Partnership	USA	Both	Free	10,000+	65 (4.4)	Not enough
My Care Plan – cancer survivors	Journey forward	All	Partnership	USA	Both	Free	500+	4 (4.0)	Not enough
My Head & Neck Cancer Manager	point of care	Head and neck	Commercial	USA	Apple	Free	N/A	N/A	Not enough



My liver	AGF studios Ltd for National Health Service	Liver	Healthcare organisation	UK	Apple	Free	N/A	N/A	14 (5.0)
My Pancreas	AGF studios Ltd for National Health Service	Pancreatic	Healthcare organisation	UK	Apple	Free	N/A	N/A	7 (5.0)
My Prostate Cancer Manager	point of care	Prostate	Commercial	USA	Apple	Free	N/A	N/A	Not enough
MyMSK	Memorial Sloan-Kettering Cancer Center	All	Healthcare organisation	USA	Both	Free	1,000+	4 (3.8)	Not enough
NCCN Patient Guides for Cancer	National Comprehensive Cancer Network	All	Charity	USA	Both	Free	1,000+	4 (4.5)	Not enough
NED for prostate cancer	University Health Network, Toronto	Prostate	Academic	Canada	Both	Free	10+	None	Not enough
ONCompanion	ONCompanion foundation programmed by we builld technology	All	Charity	India	Google	Free	10+	3 (5.0)	N/A
OneRemission	OneRemission	All	Commercial	USA	Apple	Free	N/A	N/A	Not enough
Ovarian Cancer Symptoms Diary	Ovarian Cancer Action (programmed by electric putty)	Ovarian	Charity	UK	Both	Free	1,000+	7 (4.3)	Not enough
OWise breast cancer	Px Healthcare B.V. Ldt	Breast	Commercial	>1	Both	Free	1,000+	10 (4.4)	Not enough
Oxford Cancer and Haematology Outpatients	Oxford University Hospitals NHS foundation	All	Healthcare organisation	UK	Apple	Free	N/A	N/A	Not enough
Personalized sarcoma care	Mobile Pioneers BV	Soft tissue sarcoma	Unclear	Unclear	Both	Free	100+	8 (4+)	Not enough
Phil's friends	Phils friends organisation, developed by subsplash inc	All	Charity	USA	Both	Free	50+	1 (5.0)	Not enough
PM Cancer Journey	University Health Network, Toronto	All	Partnership	Canada	Both	Free	500+	6 (4.8)	Not enough

Pocket Cancer Care Guide	National Coalition for Cancer Survivorship	All	Charity	USA	Apple	Free	N/A	N/A	Not enough
Pratheeksha	Pratheeksha clinic	All	Healthcare organisation	India	Both	Free	100+	14 (4.8)	Not enough
Prostate cancer support group Gibraltar	Prostate cancer support group, Gibraltar, developed by Alan Pereira	Prostate	Charity	Gibraltar	Apple	Free	N/A	N/A	Not enough
Prostate cancer treatment	Creative live apps	Prostate	Unclear	Unclear	Google	Free	10+	None	N/A
Prostate cancer we have your back	Infinite Monkeys LLC	Prostate	Unclear	Unclear	Apple	Free	N/A	N/A	Not enough
Qigong for cancer healing and prevention	Yang's Martial Arts Association Publication Center, Inc.	All	Commercial	USA	Both	Free	100+	None	Not enough
Radiotherapy	incroyable future for skin safety.com	All	Commercial	Canada	Google	Free	50+	None	N/A
RB-World App	KinderAugenKrebsStiftung KAKS (Childrens' eye cancer foundation Germany_	Retinoblastoma	Charity	Germany	Both	Free	100+	2 (4+)	Not enough
Safe and easy cancer/ Easy ways to treat cancer	999 Apps Developer	All	Unclear	Unclear	Google	Free	10+	1 (5.0)	N/A
SCICancer Clinical Trials	Stanford University	All	Partnership	USA	Both	Free	100+	None	Not enough
Self Care During Cancer	Nearspace inc for genetech inc, anthem inc	All	Partnership	USA	Both	Free	1,000+	6 (4.7)	Not enough
Signs and symptoms breast cancer	Built By Doctors Ltd	Breast	Commercial	USA	Both	Free	100+	None	Not enough
Skin Cancer Manager	point of care	Skin	Commercial	USA	Apple	Free	N/A	N/A	Not enough

Stupid Cancer	Gryt health for stupid cancer.org	All	Charity	USA	Both	Free	1,000+	10 (3.9)	Not enough
Super food to fight for cancer	cyclonblast mobile apps	All	Unclear	unclear	Google	Free	100+	3 (4.3)	N/A
Survivor care	University medical centre Groningen	All	Healthcare organisation	Netherlands	Apple	Free	N/A	N/A	Not enough
SwiSupport – HealingMusic	Jun-Wei Su	All	Commercial	Unclear	Apple	Free	N/A	N/A	Not enough
T.I.N.A	Kognito	All	Partnership	USA	Both	Free	10+	None	Not enough
Testicular cancer	Expert health studios	Testicular	Commercial	unclear	Google	Free	5,000+	13 (3.8)	N/A
Thrivor	thrivor pty ltd	All	Commercial	unclear	Both	Free	100+	4 (5.0)	Not enough
Treat prostate cancer	martinandoappp	Prostate	Commercial	unclear	Google	Free	500+	1 (5.0)	Not enough
Treating bladder cancer	NonitaDev	Bladder	Unclear	unclear	Google	Free	50+	None	N/A
Triple negative breast cancer	Kognito	Breast	Partnership	USA	Both	Free	100+	1 (5.0)	Not enough
Twist out cancer	Rochishna Aloor	All	Charity	>1	Apple	Free	N/A	N/A	Not enough
Types of cancer treatment	Dinatale	All	Commercial	Unclear	Google	Free	100+	2 (3.0)	N/A
Untire: Beating cancer fatigue	tired of cancer	All	Charity	Netherlands	Both	Free	1,000+	43 (4.5)	Not enough
Various cancer cures	EmirZIApps	All	Commercial	unclear	Google	Free	500+	2 (3.0)	N/A
Ways to fight off cancer	Koodalappz on android, sathish bc on apple	All	Commercial	unclear	Both	Free	1,000+	3 (5.0)	N/A

Whip Cancer	Copley Raff Inc	All	Commercial	USA	Apple	Free	N/A	N/A	Not enough
Yoga vs. cancer	Antioch studio	All	Commercial	Spain	Google	Free	10+	None	N/A

\*The nature of the owner and country of origin was open to a degree of interpretation/judgement by the authors, and therefore we involved two authors in extracting this data independently. Linked websites were visited. There were high levels of agreement and we reached consensus by discussion. We have applied the term “charity” to cover non-profit organisations.

\$Google Play will publish a “star” rating when there is one or more reviews of the app. Many of the apps available via Apple’s app store reported that there were not enough reviews to present a star rating. Ratings were accurate to November 2018.