ISRCTN74558413 https://doi.org/10.1186/ISRCTN74558413

A Comparison of Patient Adherence and Preference of Packaging Method for Oral Anticancer Agents Using Conventional Pill Bottles versus Daily Pill Boxes

Submission date
08/11/2005

Registration date
15/11/2005

Last Edited
24/07/2014

Recruitment status
No longer recruiting

Overall study status
Completed

Condition category
Cancer

[_] Prospectively registered
[_] Protocol
[_] Statistical analysis plan
[X] Results
[_] Individual participant data

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

Study information

Scientific Title

Study objectives
We hypothesize that a simple, low-tech assistance device, such as daily pill boxes, as compared to conventional pill bottles, will increase the rate of patients adherence to oral chemotherapy.

Ethics approval required
Old ethics approval format

Ethics approval(s)
UHN Research Ethics Board, 02/05/2005, UHN REB 05-0199-CE

Primary study design
Interventional

Study design
Randomized cross-over design

Study type(s)
Not Specified

Health condition(s) or problem(s) studied
Advanced solid tumors

Interventions
Daily pill boxes versus conventional pill bottles for packaging

Intervention Type
Other

Phase
Not Specified

Primary outcome(s)
Patient adherence was similiar.

Key secondary outcome(s)
Patients more satisfied with daily pill boxes than conventional pill bottles.

Completion date
30/06/2005

Eligibility

Key inclusion criteria
Patients were included in this study if they:
1. Provided informed consent
2. Were capable of reading and writing in English
3. Were greater than 18 years of age with solid tumors
4. Were planned to receive at least 2 consecutive cycles of capecitabine

Participant type(s)

Patient

Healthy volunteers allowed
No

Age group
Adult

Lower age limit
18 Years

Sex
All

Key exclusion criteria
Patients taking other oral anticancer medications such as temozolomide, tamoxifen and arimidex, were not felt to be suitable for the present study since these oral medications are already dispensed in unit dose packages.

Date of first enrolment
01/04/2005

Date of final enrolment
30/06/2005

Locations

Countries of recruitment
Canada

Study participating centre
Princess Margaret Hospital
Toronto
Canada
M5G 2M9

Sponsor information

Organisation
Princess Margaret Hospital (Canada)

ROR
https://ror.org/03zayce58

Funder(s)

Funder type
Hospital/treatment centre

Funder Name
Dr Lillian Siu's research funds

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	01/07/2007		Yes	No