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PACT (Patient Preferences in Adjuvant Colorectal Cancer Therapy): a randomised crossover clinical trial comparing bolus fluorouracil/leucovorin to capecitabine as treatment for moderate to high risk resected colorectal cancer

Submission date 09/03/2005	**Recruitment status** No longer recruiting	[_] Prospectively registered [_] Protocol [_] Statistical analysis plan [X] Results [_] Individual participant data
Registration date 19/04/2005	**Overall study status** Completed	
Last Edited 26/10/2018	**Condition category** Cancer	

Plain English summary of protocol
http://cancerhelp.cancerresearchuk.org/trials/a-trial-different-ways-having-chemotherapy-after-srugery-for-bowel-cancer-pact

Contact information

Type(s)
Scientific

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Additional identifiers

Protocol serial number
MO05/6844

Study information

Scientific Title
PACT (Patient Preferences in Adjuvant Colorectal Cancer Therapy): a randomised crossover clinical trial comparing bolus fluorouracil/leucovorin to capecitabine as treatment for moderate to high risk resected colorectal cancer

Acronym
PACT

Study objectives
Adjuvant drug therapy reduces the risk of recurrence and death after resection of colorectal cancer, and is recommended routinely for all fit patients if at moderate-to-high risk of recurrence. Standard therapy is intravenous 5-fluorouracil and leucovorin (FU/LV). Large randomised controlled trials have already established that: a. 6 months' FU/LV is as effective as longer courses, and b. Once-weekly treatment is as effective as, but less toxic than, 5 consecutive days repeated monthly.

A recent trial (X-ACT) showed with high statistical confidence that oral capecitabine is as effective as intravenous FU/LV, so it presents an attractive alternative option. Capecitabine gave an acceptable toxicity profile in comparison with the FU/LV regimen used in that trial, although that was the 5-days monthly regimen which is known to be more toxic than weekly treatment.

Capecitabine is likely to become available for adjuvant use during 2005. Its equivalence of efficacy is not in doubt, but in order to advise patients we will require direct comparative data for the toxicity and acceptability to patients of capecitabine in comparison with the current commonly-used UK standard of weekly bolus FU/LV. The PACT trial will provide that comparison.

Ethics approval required
Old ethics approval format

Ethics approval(s)
Not provided at time of registration

Study design
Randomised active controlled crossover group trial

Primary study design
Interventional

Study type(s)
Treatment

Health condition(s) or problem(s) studied
Colorectal cancer

Interventions
A randomised crossover clinical trial comparing bolus fluorouracil/leucovorin to capecitabine

Intervention Type

Drug

Phase
Not Specified

Drug/device/biological/vaccine name(s)
5-fluorouracil/leucovorin, capecitabine

Primary outcome(s)
Patient preference for one of two regimens 12 weeks after randomisation, when the patient will have experienced both regimens

Key secondary outcome(s))
1. Patient preference at 12 weeks, after experiencing both regimens, according to treatment sequence
2. Toxicity - maximum NCIC grade toxicity experienced within first cycle of regimen
3. Quality of Life (QoL) - assessed at baseline, 6, 12 and 24 weeks post-randomisation. Assessed using EORTC QLQ-C30.
4. Dose intensity (DI) - delivered DI as a percentage of planned DI
5. Safety - comparison of rates of SAEs and SUSARS between the two regimens

Completion date
31/03/2006

Eligibility

Key inclusion criteria
Patients aged 18 years or above with Dukes stage C or B colonic or rectal carcinoma, primary fully macroscopically resected (R0 or R1 resection), with no radiological or clinical evidence of metastatic disease (for Dukes B patients there must be a clinical indication for adjuvant chemotherapy, based on histological risk factors and patient factors) OR full resection of recurrent/metastatic colorectal cancer, if the patient was not previously treated with adjuvant chemotherapy.

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Lower age limit
18 years

Sex
All

Key exclusion criteria

Does not meet inclusion criteria

Date of first enrolment
01/04/2005

Date of final enrolment
31/03/2006

Locations

Countries of recruitment
United Kingdom

England

Study participating centre
Academic Unit of Oncology & Haematology
Leeds
United Kingdom
LS16 6QB

Sponsor information

Organisation
University of Leeds (UK)

ROR
https://ror.org/024mrxd33

Funder(s)

Funder type
Industry

Funder Name
Roche Products Ltd (UK) (Unconditional pharmaceutical study grant)

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	10/07/2008		Yes	No
Plain English results				No	Yes