



## Clinical trial results:

### Proof-of-concept study of AZD 4547 in patients with FGFR1 or FGFR2 amplified tumours

#### Summary

|                          |                  |
|--------------------------|------------------|
| EudraCT number           | 2011-003718-18   |
| Trial protocol           | GB               |
| Global end of trial date | 21 December 2018 |

#### Results information

|                                |              |
|--------------------------------|--------------|
| Result version number          | v1 (current) |
| This version publication date  | 29 June 2019 |
| First version publication date | 29 June 2019 |

#### Trial information

##### Trial identification

|                       |         |
|-----------------------|---------|
| Sponsor protocol code | CCR3689 |
|-----------------------|---------|

##### Additional study identifiers

|                                    |             |
|------------------------------------|-------------|
| ISRCTN number                      | -           |
| ClinicalTrials.gov id (NCT number) | NCT01795768 |
| WHO universal trial number (UTN)   | -           |

Notes:

#### Sponsors

|                              |  |
|------------------------------|--|
| Sponsor organisation name    | ROYAL MARSDEN NHS FOUNDATION TRUST   |
| Sponsor organisation address | FULHAM ROAD , LONDON, United Kingdom, SW3 6JJ  |
| Public contact               | Angela Gillbanks, The Royal Marsden Hospital NHS Foundation Trust, 44 0208 642 6011 X 4448, <a href="mailto:angela.gillbanks@rmh.nhs.uk">angela.gillbanks@rmh.nhs.uk</a> |
| Scientific contact           | Angela Gillbanks, The Royal Marsden Hospital NHS Foundation Trust, 44 0208642 6011 X 4448 , <a href="mailto:angela.gillbanks@rmh.nhs.uk">angela.gillbanks@rmh.nhs.uk</a> |

Notes:

#### Paediatric regulatory details

|  |    |
|--|----|
| Is trial part of an agreed paediatric investigation plan (PIP)       | No |
| Does article 45 of REGULATION (EC) No 1901/2006 apply to this trial? | No |
| Does article 46 of REGULATION (EC) No 1901/2006 apply to this trial? | No |

Notes:

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## Results analysis stage

|  |                  |
|--|------------------|
| Analysis stage                                       | Final            |
| Date of interim/final analysis                       | 21 December 2018 |
| Is this the analysis of the primary completion data? | Yes              |
| Primary completion date                              | 21 December 2018 |
| Global end of trial reached?                         | Yes              |
| Global end of trial date                             | 21 December 2018 |
| Was the trial ended prematurely?                     | No               |

Notes:

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## General information about the trial

Main objective of the trial:

- To correlate the anti-tumour activity of AZD4547 with molecular changes on treatment in the FGFR pathway in serial biopsies.

Protection of trial subjects:

The investigator must ensure that the patient's confidentiality is maintained in compliance with the UK Data Protection Act of 1998. On the case report forms or other documents submitted to the sponsor, patients should be identified by their initials and a patient study number only. Documents that are not for submission to the sponsor (e.g., signed informed consent forms) should be kept in strict confidence by the investigator.

Background therapy:

There are about 1.5 million new cases and over 1.1 million deaths from gastro-oesophageal cancer per year worldwide (Jemal, Bray et al. 2011). The incidence in most Western countries lies between 10 and 15 new cases per 100,000 population per year, with great geographic differences. Worldwide, Japan, Korea and China now lead with up to 80 new cases per 100,000 population per year. Currently, gastric cancer and oesophageal cancers are the 2nd and 6th most common cause of cancer mortality worldwide. There is a male preponderance, with an approximate male: female ratio of 2:1 (Kreps 2010). Globally, the majority (60% to 70%) of gastric cancer cases present with locally advanced or metastatic disease that is unresectable. In addition, sixty percent of those initially treated with curative intent will develop loco regional or metastatic disease (Wagner, Grote et al. 2005; Field, Michael et al. 2008). Globally, there is no agreed standard first-line regimen for the treatment of advanced gastric cancer, though most patients would receive a platinum based doublet or triplet chemotherapy regimen. The choice of treatment is based on a variety of factors, including clinical study results, availability and cost of drugs, therapy-related toxicity, and the patient's physical status. Limited therapeutic options exist upon progression in second line treatment settings for advanced gastro-oesophageal cancer. Although a statistically significant benefit in survival has been shown from second-line chemotherapy in patients with advanced gastric cancer (Park, Lim et al. 2011), the benefit is relatively modest and outcomes for most patients who have progressed following treatment with first-line chemotherapy remain generally poor. Current ESMO guidelines recommend clinical trials as the most appropriate option for treatment of these patients and there are no NICE approved second-line treatments for patients with advanced gastro-oesophageal cancers.

Evidence for comparator:

FGFR2 amplifications have been described in 10% of gastric cancers, usually associated with the poor prognosis diffuse-type histology (Kunii, Davis et al. 2008). Gastric cancer cell lines with FGFR2-amplification are dependent on the over-expressed and activated FGFR2 kinase for continued growth. Loss of FGFR2 signalling can cause potent growth inhibition and apoptosis in FGFR2 amplified gastric cancer cell lines. Anti-tumour activity of AZD4547 (FGFR 1-3 inhibitor) has also been shown in xenograft models of FGFR2 amplified (SNU 16) gastric cancer cell lines (Xie, Su et al.). Thus, there is strong preclinical evidence for using FGFR2 inhibition as a therapeutic target in FGFR2 amplified gastric cancers.

|   |                   |
|---|-------------------|
| Actual start date of recruitment                          | 28 September 2012 |
| Long term follow-up planned                               | No                |
| Independent data monitoring committee (IDMC) involvement? | Yes               |

Notes:

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### Population of trial subjects

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#### Subjects enrolled per country

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|                                      |                    |
|--------------------------------------|--------------------|
| Country: Number of subjects enrolled | United Kingdom: 20 |
| Worldwide total number of subjects   | 20                 |
| EEA total number of subjects         | 20                 |

Notes:

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#### Subjects enrolled per age group

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|   |    |
|---|----|
| In utero                                  | 0  |
| Preterm newborn - gestational age < 37 wk | 0  |
| Newborns (0-27 days)                      | 0  |
| Infants and toddlers (28 days-23 months)  | 0  |
| Children (2-11 years)                     | 0  |
| Adolescents (12-17 years)                 | 0  |
| Adults (18-64 years)                      | 12 |
| From 65 to 84 years                       | 8  |
| 85 years and over                         | 0  |

## Subject disposition

### Recruitment

Recruitment details:

The study will be run in two independent tumour cohorts – advanced FGFR2 amplified upper GI cancer, other FGFR dysregulated tumours. Recruitment in each cohorts will be independent of each other.

The primary endpoint of the study is to assess the response rate to AZD4547 across each tumour group. Assuming AZD4547 is active with a true underlying

### Pre-assignment

Screening details:

Stage 1 (pre-screening): Patients who the investigator considers may be eligible for the study, or may become eligible within the recruitment period (e.g. patients who are currently being treated with first line or adjuvant therapy who may relapse during the recruitment period), will be pre-screened for their FGFR status.

### Period 1

|                              |                             |
|------------------------------|-----------------------------|
| Period 1 title               | REGISTERED (overall period) |
| Is this the baseline period? | Yes                         |
| Allocation method            | Non-randomised - controlled |
| Blinding used                | Not blinded                 |

### Arms

|           |            |
|-----------|------------|
| Arm title | Registered |
|-----------|------------|

Arm description:

AZD4547 administered 80 mg twice daily continuously

|  |                    |
|--|--------------------|
| Arm type                               | Experimental       |
| Investigational medicinal product name | AZD4547            |
| Investigational medicinal product code | 4547               |
| Other name                             |                    |
| Pharmaceutical forms                   | Film-coated tablet |
| Routes of administration               | Oral use           |

Dosage and administration details:

AZD4547 20mg tablets are beige film coated tablets, with a 6mm diameter and normal round concave shape, each is 3.1mm thick, with an approximate weight of 98mg.

|                                       |            |
|---------------------------------------|------------|
| <b>Number of subjects in period 1</b> | Registered |
| Started                               | 20         |
| Completed                             | 20         |

## Baseline characteristics

### Reporting groups

|                       |            |
|-----------------------|------------|
| Reporting group title | REGISTERED |
|-----------------------|------------|

Reporting group description: -

| Reporting group values                             | REGISTERED | Total |  |
|--|------------|-------|--|
| Number of subjects                                 | 20         | 20    |  |
| Age categorical                                    |            |       |  |
| Units: Subjects                                    |            |       |  |
| In utero   | 0          | 0     |  |
| Preterm newborn infants (gestational age < 37 wks) | 0          | 0     |  |
| Newborns (0-27 days)                               | 0          | 0     |  |
| Infants and toddlers (28 days-23 months)           | 0          | 0     |  |
| Children (2-11 years)                              | 0          | 0     |  |
| Adolescents (12-17 years)                          | 0          | 0     |  |
| Adults (18-64 years)                               | 12         | 12    |  |
| From 65-84 years                                   | 8          | 8     |  |
| 85 years and over                                  | 0          | 0     |  |
| Gender categorical                                 |            |       |  |
| Units: Subjects                                    |            |       |  |
| Female   | 11         | 11    |  |
| Male   | 9          | 9     |  |

### Subject analysis sets

|                            |            |
|----------------------------|------------|
| Subject analysis set title | REGISTERED |
|----------------------------|------------|

|                           |               |
|---------------------------|---------------|
| Subject analysis set type | Full analysis |
|---------------------------|---------------|

Subject analysis set description:

For the analysis of response rate all consented and treated patients will be included and any patient without an imaging assessment will be counted as a non-responder

|                            |                         |
|----------------------------|-------------------------|
| Subject analysis set title | ANALYSED (End of Study) |
|----------------------------|-------------------------|

|                           |               |
|---------------------------|---------------|
| Subject analysis set type | Full analysis |
|---------------------------|---------------|

Subject analysis set description:

For the analysis of response rate all consented and treated patients will be included and any patient without an imaging assessment will be counted as a non-responder  
(Set up to allow a single arm study to be entered)

| Reporting group values                             | REGISTERED | ANALYSED (End of Study) |  |
|--|------------|-------------------------|--|
| Number of subjects                                 | 20         | 20                      |  |
| Age categorical                                    |            |                         |  |
| Units: Subjects                                    |            |                         |  |
| In utero   | 0          |                         |  |
| Preterm newborn infants (gestational age < 37 wks) | 0          |                         |  |
| Newborns (0-27 days)                               | 0          |                         |  |
| Infants and toddlers (28 days-23 months)           | 0          |                         |  |

|                           |    |  |  |
|---------------------------|----|--|--|
| Children (2-11 years)     | 0  |  |  |
| Adolescents (12-17 years) | 0  |  |  |
| Adults (18-64 years)      | 12 |  |  |
| From 65-84 years          | 8  |  |  |
| 85 years and over         | 0  |  |  |
| Gender categorical        |    |  |  |
| Units: Subjects           |    |  |  |
| Female                    | 11 |  |  |
| Male                      | 9  |  |  |

## End points

### End points reporting groups

|   |                         |
|---|-------------------------|
| Reporting group title   | Registered              |
| Reporting group description:<br>AZD4547 administered 80 mg twice daily continuously   |                         |
| Subject analysis set title  | REGISTERED              |
| Subject analysis set type   | Full analysis           |
| Subject analysis set description:<br>For the analysis of response rate all consented and treated patients will be included and any patient without an imaging assessment will be counted as a non-responder   |                         |
| Subject analysis set title  | ANALYSED (End of Study) |
| Subject analysis set type   | Full analysis           |
| Subject analysis set description:<br>For the analysis of response rate all consented and treated patients will be included and any patient without an imaging assessment will be counted as a non-responder<br>(Set up to allow a single arm study to be entered) |                         |

### Primary: Response Rate

|   |               |
|---|---------------|
| End point title   | Response Rate |
| End point description:<br>Primary endpoint <ul style="list-style-type: none"><li>To assess the objective response rate to AZD4547</li></ul> |               |
| End point type  | Primary       |
| End point timeframe:<br>8 Weeks   |               |

| End point values            | Registered      | REGISTERED           | ANALYSED<br>(End of Study) |  |
|-----------------------------|-----------------|----------------------|----------------------------|--|
| Subject group type          | Reporting group | Subject analysis set | Subject analysis set       |  |
| Number of subjects analysed | 20              | 20                   | 20                         |  |
| Units: proportion           |                 |                      |                            |  |
| CR / PR                     | 4               | 4                    | 4                          |  |
| SD / PD                     | 16              | 16                   | 16                         |  |

### Statistical analyses

|   |   |
|---|---|
| Statistical analysis title  | Objective Response Rate                           |
| Statistical analysis description:<br>Objective response rate at 8 weeks defined as confirmed CR and PR (assessed according to RECIST 1.1) to AZD4547.<br>All responses will be assessed centrally using RECIST 1.1 criteria<br>The proportion of patients with disease control (CR, PR or SD) at 8 weeks is also be presented with a 95% confidence interval. |   |
| Comparison groups   | Registered v REGISTERED v ANALYSED (End of Study) |

|   |                      |
|---|----------------------|
| Number of subjects included in analysis | 60                   |
| Analysis specification                  | Pre-specified        |
| Analysis type                           | other <sup>[1]</sup> |
| Parameter estimate                      | Proportion           |
| Point estimate                          | 20                   |
| Confidence interval                     |                      |
| level                                   | 95 %                 |
| sides                                   | 2-sided              |
| lower limit                             | 5.7                  |
| upper limit                             | 43.7                 |

Notes:

[1] - No formal Comparison

## Adverse events

### Adverse events information

Timeframe for reporting adverse events:

Investigator is responsible for ensuring that all AE's observed by the investigator or reported by patients from signing the informed consent until 30 days after last study treatment is administered are properly captured in the patients medical records.

Adverse event reporting additional description:

Investigator is responsible for recording all AE's in source data and on study specific CRF.

|                 |            |
|-----------------|------------|
| Assessment type | Systematic |
|-----------------|------------|

### Dictionary used

|                 |       |
|-----------------|-------|
| Dictionary name | CTCAE |
|-----------------|-------|

|                    |   |
|--------------------|---|
| Dictionary version | 4 |
|--------------------|---|

### Reporting groups

|                       |            |
|-----------------------|------------|
| Reporting group title | REGISTERED |
|-----------------------|------------|

Reporting group description: -

| Serious adverse events                            | REGISTERED      |  |  |
|---|-----------------|--|--|
| Total subjects affected by serious adverse events |                 |  |  |
| subjects affected / exposed                       | 9 / 20 (45.00%) |  |  |
| number of deaths (all causes)                     | 1               |  |  |
| number of deaths resulting from adverse events    | 1               |  |  |
| Investigations                                    |                 |  |  |
| Blood bilirubin increased                         |                 |  |  |
| subjects affected / exposed                       | 1 / 20 (5.00%)  |  |  |
| occurrences causally related to treatment / all   | 0 / 1           |  |  |
| deaths causally related to treatment / all        | 0 / 0           |  |  |
| Injury, poisoning and procedural complications    |                 |  |  |
| Postoperative hemorrhage                          |                 |  |  |
| subjects affected / exposed                       | 1 / 20 (5.00%)  |  |  |
| occurrences causally related to treatment / all   | 0 / 1           |  |  |
| deaths causally related to treatment / all        | 0 / 0           |  |  |
| Vascular disorders                                |                 |  |  |
| Thromboembolic event                              |                 |  |  |
| subjects affected / exposed                       | 2 / 20 (10.00%) |  |  |
| occurrences causally related to treatment / all   | 1 / 2           |  |  |
| deaths causally related to treatment / all        | 0 / 0           |  |  |
| Hypotension                                       |                 |  |  |

|  |                 |  |  |
|--|-----------------|--|--|
| subjects affected / exposed                          | 1 / 20 (5.00%)  |  |  |
| occurrences causally related to treatment / all      | 0 / 1           |  |  |
| deaths causally related to treatment / all           | 0 / 0           |  |  |
| Blood and lymphatic system disorders                 |                 |  |  |
| Febrile neutropenia                                  |                 |  |  |
| subjects affected / exposed                          | 1 / 20 (5.00%)  |  |  |
| occurrences causally related to treatment / all      | 1 / 1           |  |  |
| deaths causally related to treatment / all           | 1 / 1           |  |  |
| General disorders and administration site conditions |                 |  |  |
| Pain   |                 |  |  |
| subjects affected / exposed                          | 1 / 20 (5.00%)  |  |  |
| occurrences causally related to treatment / all      | 0 / 1           |  |  |
| deaths causally related to treatment / all           | 0 / 0           |  |  |
| Gastrointestinal disorders                           |                 |  |  |
| Abdominal pain                                       |                 |  |  |
| subjects affected / exposed                          | 2 / 20 (10.00%) |  |  |
| occurrences causally related to treatment / all      | 0 / 2           |  |  |
| deaths causally related to treatment / all           | 0 / 0           |  |  |
| Diarrhea   |                 |  |  |
| subjects affected / exposed                          | 1 / 20 (5.00%)  |  |  |
| occurrences causally related to treatment / all      | 1 / 1           |  |  |
| deaths causally related to treatment / all           | 0 / 0           |  |  |
| Esophageal hemorrhage                                |                 |  |  |
| subjects affected / exposed                          | 1 / 20 (5.00%)  |  |  |
| occurrences causally related to treatment / all      | 0 / 1           |  |  |
| deaths causally related to treatment / all           | 0 / 0           |  |  |
| Hepatobiliary disorders                              |                 |  |  |
| Hepatic pain   |                 |  |  |
| subjects affected / exposed                          | 1 / 20 (5.00%)  |  |  |
| occurrences causally related to treatment / all      | 0 / 1           |  |  |
| deaths causally related to treatment / all           | 0 / 0           |  |  |
| Musculoskeletal and connective tissue disorders      |                 |  |  |
| Back pain  |                 |  |  |

|   |                |  |  |
|---|----------------|--|--|
| subjects affected / exposed                     | 1 / 20 (5.00%) |  |  |
| occurrences causally related to treatment / all | 0 / 1          |  |  |
| deaths causally related to treatment / all      | 0 / 0          |  |  |

Frequency threshold for reporting non-serious adverse events: 0 %

| <b>Non-serious adverse events</b>                     | REGISTERED      |  |  |
|---|-----------------|--|--|
| Total subjects affected by non-serious adverse events |                 |  |  |
| subjects affected / exposed                           | 5 / 20 (25.00%) |  |  |
| General disorders and administration site conditions  |                 |  |  |
| Fatigue   |                 |  |  |
| subjects affected / exposed                           | 1 / 20 (5.00%)  |  |  |
| occurrences (all)                                     | 1               |  |  |
| Blood and lymphatic system disorders                  |                 |  |  |
| Neutropenia   |                 |  |  |
| subjects affected / exposed                           | 1 / 20 (5.00%)  |  |  |
| occurrences (all)                                     | 1               |  |  |
| Eye disorders   |                 |  |  |
| Eye disorder  |                 |  |  |
| subjects affected / exposed                           | 1 / 20 (5.00%)  |  |  |
| occurrences (all)                                     | 1               |  |  |
| Gastrointestinal disorders                            |                 |  |  |
| Diarrhoea   |                 |  |  |
| subjects affected / exposed                           | 1 / 20 (5.00%)  |  |  |
| occurrences (all)                                     | 1               |  |  |
| Mucositis   |                 |  |  |
| subjects affected / exposed                           | 1 / 20 (5.00%)  |  |  |
| occurrences (all)                                     | 1               |  |  |
| Skin and subcutaneous tissue disorders                |                 |  |  |
| Acne  |                 |  |  |
| subjects affected / exposed                           | 1 / 20 (5.00%)  |  |  |
| occurrences (all)                                     | 1               |  |  |
| Skin rash   |                 |  |  |
| subjects affected / exposed                           | 1 / 20 (5.00%)  |  |  |
| occurrences (all)                                     | 1               |  |  |



## More information

### Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

| Date             | Amendment  |
|------------------|--|
| 16 November 2011 | <p>V1 to v 2: Protocol version number and date updated to Version 2 date 08/11/2011 in the document header, title page and protocol signature page; Change study acronym from FGF-R to FGFR in the header and page 2; Change study acronym from FGFR to FGFR; Page numbers updated in the table of contents; Addition of heading Appendix B – Summary of protocol changes to the table of contents; Removal of abstinence as an acceptable method of contraception for this study; Change Echo/MUGA scan to Echo/MUGA Scan; Correction of schedule of assessment for MUGA/Echo scan in Table 2 – change to C2D1 from C1D1; Addition of details regarding MUGA/Echo scan: A MUGA scan or echocardiogram to assess left ventricular ejection fraction (LVEF) will be conducted at screening and on day 1 of Cycle 2 (<math>\pm</math> 1 week) and 3-monthly thereafter until discontinuation of study treatment; Replace 'Table 1' with 'Table 2'; Addition of Appendix B, Summary of Protocol changes. PISCF changes: Removal of abstinence as a method of contraception, clarification of the ECHO/MUGA scanning schedule and correction of typo errors.</p>   |
| 22 November 2013 | <p>Prot v2 - v3: Removed 'effective date' 'review date' &amp; protocol reference; Change of Trial Physician to Dr E Smyth; Insertion of 'site name' for protocol sign. page &amp; changed date of protocol version; changed RMH to RM Trust; Change of Trial Stat to C Peckitt; Amended fax no: Addition of exploratory cell culture objective; Addition of data regarding levels of FGFR amplification &amp; relationship to response to FGFR inhibition; Clarification of results of mutagenicity testing; Data regarding safety of AZD4547 safety &amp; tolerability at 80 mg BD cont. dosing schedule; Removal of genotoxicity as risk due to negative Ames test result; Addition of requirement for 10/16 patients per cohort to have amplification ratio of <math>\geq 2.8</math>, Removal of limited field radiation within 2 weeks of study entry as exclusion criteria; Change in inclusion criteria to reflect both FGFR amplification and ratio of <math>\geq 2.0</math>; Stability of brain metastases to be confirmed radiologically prior to study entry; Change in eligibility criteria 5 to allow patients with grade 2 neuropathy; Change in eligibility criteria 15 to allow patients with a history of varicella zoster; Description of 20mg tablets; Change to dosing schedule from 80 mg BD two weeks on one week off to continuous dosing; Update on RPED events referred to investigators brochure; Change in time allowed for resolution of ocular toxicity from 14 to 21 days; Change to dose levels – dose level – 1 now 60mg bd, dose level -2 now 40mg bd; Change toxicity management algorithm to reference figure 4; Changes to guidelines for management of ocular toxicity (Figure 3) provision of separate algorithm (figure 4) for management of asymptomatic RPED; Change eligibility criteria to study, patients must demonstrate FGFR amplification &amp; FGFR ratio of <math>\geq 2.0</math>; Clarification that PET-CT, biopsy, bone &amp; blood borne biomarker testing is due to eligibility criteria met; Confirmation that data is password protected &amp; data transfer agreement with Quintiles.</p> |

|                  |   |
|------------------|---|
| 17 July 2014     | <p>Protocol v3 - 4: Version number and date updated throughout; Study period updated; Emerging safety data removed (IB used as reference – see p 57); clinical experience updated. Typos amended.</p> <p>insertion of.... Three of the 34 patients had on treatment SAE's .....in the same patient the investigator also listed morphine as a suspected medication; Insertion to confirm IB is reference safety source. Addition of ....average tumour size change with AZD 4547 was at BEST comparable with paclitaxel; Study duration updated; Exclusion criteria amended;;Added text "The above toxicity management refers to non-haematological toxicity only. Specifically, at the beginning of each cycle of treatment absolute neutrophil count must be <math>\geq 1.5</math> and <math>Plt \geq 100</math> in order to initiate treatment."</p> <p>Determination of the expectedness of an SAE will be based on the contents of the IB. (amended); Section 12.1 reference to the use of CRF's as source data; Removal of 'both' arms – is a single arm study; Confirmation that CRF's will be used as source data</p> |
| 06 July 2015     | <p>Protocol v4 -5: Title corrected to insert CYP3A4 and the word NOT into the following title: Drugs affecting CYP3A4 or CYP2D6 Metabolism that are strongly NOT recommended to be combined with AZD4547; Removed text referring to FISH6 score as this was Quintiles specific; Change in primary endpoint to objective response; Change in eligibility of NSCLC specific cohort, establishment of "basket" cohort for patients with FGFR dysregulated tumours; Each cohort will recruit 9-17 patients dependent on response observed; Addition of copy number variation assessment at prescreening; Change in provision of second biopsy from mandatory to optional but encouraged; Minor formatting changes; Addition of publication of arms separately; Update of clinical data on other AZD4547 studies; Addition of CT one month following response to confirm response; Addition of cholangiocarcinoma translational protocol:</p> <p>Main study PISCF v7, 23.2.15<br/>Pre screening PISCF v4, 23.2.15<br/>GP letter v5, 23.2.15<br/>IB updated v 8 &amp; 9</p>   |
| 02 February 2016 | <p>Protocol v5 - 6 :</p> <p>Removal of breast cohort; includes updated clinical results from part B of study D2610C00003, alopecia removed from list of expected toxicities; change in age of eligibility from age 25 to age 16 plus for osteosarcoma pts, clarification of management of ocular toxicity; removal of blood borne biomarker testing for FGFR 23 and BFGF. removed as replaced by lab manual.</p>  |

Notes:

## Interruptions (globally)

Were there any global interruptions to the trial? Yes

| Date          | Interruption  | Restart date |
|---------------|---|--------------|
| 31 March 2017 | THE MHRA REQUESTED THE STUDY BE HALTED DUE TO THE NEED FOR A SCHEDULE 1 LICENCE TO BE IN PLACE, FOR THE STUDY IMP AZD4547 | 26 May 2017  |

Notes:

## Limitations and caveats

None reported