



Clinical trial results:

An open label, phase II trial of Afatinib with or without Vinorelbine for the treatment of HER2-overexpressing inflammatory breast cancer.

Due to the EudraCT – Results system being out of service between 31 July 2015 and 12 January 2016, these results have been published in compliance with revised timelines.

Summary

| | |
|--------------------------|------------------|
| EudraCT number | 2010-024454-10 |
| Trial protocol | GB |
| Global end of trial date | 18 November 2014 |

Results information

| | |
|--------------------------------|---------------|
| Result version number | v1 (current) |
| This version publication date | 06 April 2016 |
| First version publication date | 06 April 2016 |

Trial information

Trial identification

| | |
|-----------------------|---------|
| Sponsor protocol code | 1200.89 |
|-----------------------|---------|

Additional study identifiers

| | |
|------------------------------------|-------------|
| ISRCTN number | - |
| ClinicalTrials.gov id (NCT number) | NCT01325428 |
| WHO universal trial number (UTN) | - |

Notes:

Sponsors

| | |
|------------------------------|--|
| Sponsor organisation name | Boehringer Ingelheim |
| Sponsor organisation address | Binger Strasse 173, Ingelheim am Rhein, Germany, 55216 |
| Public contact | QRPE Processes and Systems Coordination Clinical Trial Information Disclosure, Boehringer Ingelheim Pharma GmbH & Co. KG, +1 +1 800 243 0127, clintrriage.rdg@boehringer-ingelheim.com |
| Scientific contact | QRPE Processes and Systems Coordination Clinical Trial Information Disclosure, Boehringer Ingelheim Pharma GmbH & Co. KG, +1 +1 800 243 0127, clintrriage.rdg@boehringer-ingelheim.com |

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:

Results analysis stage

| | |
|--|------------------|
| Analysis stage | Final |
| Date of interim/final analysis | 16 December 2014 |
| Is this the analysis of the primary completion data? | Yes |
| Primary completion date | 18 November 2014 |
| Global end of trial reached? | Yes |
| Global end of trial date | 18 November 2014 |
| Was the trial ended prematurely? | Yes |

Notes:

General information about the trial

Main objective of the trial:

The objectives were to investigate the efficacy and safety of Afatinib alone and Afatinib in combination with weekly Vinorelbine upon progression on Afatinib monotherapy in patients with HER2-overexpressing inflammatory breast cancer (IBC).

Protection of trial subjects:

Only subjects that met all the study inclusion and none of the exclusion criteria were entered in the study. All subjects were free to withdraw from the clinical trial at any time for any reason given. If a subject continued to take trial medication, close monitoring was adhered to and all adverse events recorded. Rules were implemented whereby doses would be reduced if required. In case of treatment-related AEs, the 40 mg dose could be reduced by increments of 10 mg to 30 mg once daily or 20 mg once daily. Thereafter, if further events were reported which required dose reductions, the subject would be withdrawn from the trial. Symptomatic treatment of tumour associated symptoms were allowed throughout.

Background therapy: -

Evidence for comparator: -

| | |
|---|------------------|
| Actual start date of recruitment | 14 December 2011 |
| Long term follow-up planned | No |
| Independent data monitoring committee (IDMC) involvement? | No |

Notes:

Population of trial subjects

Subjects enrolled per country

| | |
|--------------------------------------|-----------------------|
| Country: Number of subjects enrolled | Australia: 2 |
| Country: Number of subjects enrolled | Hong Kong: 1 |
| Country: Number of subjects enrolled | Korea, Republic of: 5 |
| Country: Number of subjects enrolled | Thailand: 12 |
| Country: Number of subjects enrolled | Tunisia: 2 |
| Country: Number of subjects enrolled | United Kingdom: 5 |
| Country: Number of subjects enrolled | United States: 2 |
| Worldwide total number of subjects | 29 |
| EEA total number of subjects | 5 |

Notes:

Subjects enrolled per age group

| | |
|--|---|
| In utero | 0 |
| Preterm newborn - gestational age < 37 | 0 |

| | |
|--|----|
| wk | |
| 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) | 27 |
| From 65 to 84 years | 2 |
| 85 years and over | 0 |

Subject disposition

Recruitment

Recruitment details:

This was an open-label single arm study conducted in two sequential parts (Part A in which patients were treated with Afatinib (BIBW 2992) as Monotherapy; Part B in which patients were treated with Afatinib plus Vinorelbine as combination therapy). Patients continued from Part A to Part B upon progression of disease in Part A.

Pre-assignment

Screening details:

All subjects were screened for eligibility to participate in the trial. Subjects attended specialist sites which would then ensure that they (the subjects) met all strictly implemented inclusion/exclusion criteria. Subjects were not allocated to trial treatment if any one of the specific entry criteria were violated.

Period 1

| | |
|------------------------------|--------------------------|
| Period 1 title | Part A: Treatment Period |
| Is this the baseline period? | Yes |
| Allocation method | Not applicable |
| Blinding used | Not blinded |

Arms

| | |
|------------------|-----------------------------------|
| Arm title | Part A: Afatinib Once Daily (OD). |
|------------------|-----------------------------------|

Arm description:

Part A: Patients received Afatinib tablets, 40 mg taken orally Once Daily (OD) until Progression of their Disease (PD). In case of treatment-related adverse events (AEs), the 40 mg dose could be reduced by increments of 10 mg to 30 mg once daily or 20 mg once daily. Patients were treated until PD in Part A, then they could continue with Afatinib and Vinorelbine in Part B.

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

Dosage and administration details:

Patients received Afatinib tablets, 40 mg taken orally Once Daily (OD).

| Number of subjects in period 1^[1] | Part A: Afatinib Once Daily (OD). |
|---|-----------------------------------|
| Started | 26 |
| Completed | 10 |
| Not completed | 16 |
| Other reason not defined above | 2 |
| Refused continue taking trial medication | 2 |
| Clinical signs, symptoms of progression | 2 |
| Other adverse event | 1 |
| Progressive disease according to RECIST | 9 |

Notes:

[1] - The number of subjects reported to be in the baseline period are not the same as the worldwide number enrolled in the trial. It is expected that these numbers will be the same.

Justification: Baseline characteristics are based on patients who were randomised after successfully completing the screening period and received at least one of the trial medication.

Period 2

| | |
|------------------------------|--------------------------|
| Period 2 title | Part B: Treatment Period |
| Is this the baseline period? | No |
| Allocation method | Not applicable |
| Blinding used | Not blinded |

Arms

| | |
|------------------|-----------------------------------|
| Arm title | Part B: Afatinib+V (Vinorelbine). |
|------------------|-----------------------------------|

Arm description:

Part B: Upon first Progression of Disease (PD), patients could enter Part B of the study, during which they continued to be treated with Afatinib at the previously applied dose in Part A and additionally were treated with Vinorelbine 25 mg/m² per week via intravenous (i.v) infusion. Patients treated with Afatinib and Vinorelbine combination therapy could continue to receive treatment until second progression of disease, intolerable side effects, or withdrawal of consent. A patient was deemed to have completed the trial once they showed progressive disease according to RECIST (1.1) in Part B.

| | |
|--|-----------------|
| Arm type | Experimental |
| Investigational medicinal product name | Vinorelbine |
| Investigational medicinal product code | |
| Other name | |
| Pharmaceutical forms | Injection |
| Routes of administration | Intravenous use |

Dosage and administration details:

Vinorelbine was administered as 25 mg/m² per week via intravenous (i.v) infusion.

| | |
|--|--------------------|
| Investigational medicinal product name | Afatinib |
| Investigational medicinal product code | |
| Other name | |
| Pharmaceutical forms | Film-coated tablet |
| Routes of administration | Oral use |

Dosage and administration details:

Patients received Afatinib tablets, 40 mg taken orally Once Daily (OD).

| | |
|--|-----------------------------------|
| Number of subjects in period 2 | Part B: Afatinib+V (Vinorelbine). |
| Started | 10 |
| Completed | 7 |
| Not completed | 3 |
| Refused continue taking trial medication | 2 |
| Other reason not defined above | 1 |

Baseline characteristics

Reporting groups

| | |
|---|--------------------------|
| Reporting group title | Part A: Treatment Period |
| Reporting group description: | |
| Part A: Patients received Afatinib tablets, 40 mg taken orally Once Daily (OD) until Progression of their Disease (PD). In case of treatment-related AEs, the 40 mg dose could be reduced by increments of 10 mg to 30 mg once daily or 20 mg once daily. | |

| Reporting group values | Part A: Treatment Period | Total | |
|------------------------|--------------------------|-------|--|
| Number of subjects | 26 | 26 | |
| Age categorical | | | |
| Units: Subjects | | | |

| | | | |
|--|-------|----|--|
| Age continuous | | | |
| TRT A Treated set - TS (Part A): All patients who were documented to have taken at least one dose of Afatinib in Part A. TRT B Treated set (Part B): All patients who received at least one dose each of Afatinib and Vinorelbine in Part B. | | | |
| Units: years | | | |
| arithmetic mean | 51.5 | | |
| standard deviation | ± 8.8 | - | |
| Gender categorical | | | |
| Units: Subjects | | | |
| Female | 26 | 26 | |
| Male | 0 | 0 | |

Subject analysis sets

| | |
|----------------------------|---|
| Subject analysis set title | Afatinib Once Daily (OD). Afatinib+V (Vinorelbine). |
| Subject analysis set type | Safety analysis |

Subject analysis set description:

Part A: Patients received Afatinib tablets, 40 mg taken orally Once Daily (OD) until Progression of their Disease (PD). In case of treatment-related AEs, the 40 mg dose could be reduced by increments of 10 mg to 30 mg once daily or 20 mg once daily. Part B: Upon first Progression of Disease (PD), patients could enter Part B of the study, during which they continued to be treated with Afatinib and additionally were treated with Vinorelbine 25 mg/m² per week via intravenous (i.v) infusion. Patients treated with Afatinib and Vinorelbine combination therapy could continue to receive treatment until second progression of disease, intolerable side effects, or withdrawal of consent.

| Reporting group values | Afatinib Once Daily (OD). Afatinib+V (Vinorelbine). | | |
|------------------------|---|--|--|
| Number of subjects | 26 | | |
| Age categorical | | | |
| Units: Subjects | | | |

| | | | |
|--|------|--|--|
| Age continuous | | | |
| TRT A Treated set - TS (Part A): All patients who were documented to have taken at least one dose of Afatinib in Part A. TRT B Treated set (Part B): All patients who received at least one dose each of Afatinib and Vinorelbine in Part B. | | | |
| Units: years | | | |
| arithmetic mean | 51.5 | | |

| | | | |
|--------------------|-----------|--|--|
| standard deviation | ± 8.8 | | |
|--------------------|-----------|--|--|

| | | | |
|--------------------|----|--|--|
| Gender categorical | | | |
| Units: Subjects | | | |
| Female | 26 | | |
| Male | 0 | | |

End points

End points reporting groups

| | |
|---|---|
| Reporting group title | Part A: Afatinib Once Daily (OD). |
| Reporting group description: Part A: Patients received Afatinib tablets, 40 mg taken orally Once Daily (OD) until Progression of their Disease (PD). In case of treatment-related adverse events (AEs), the 40 mg dose could be reduced by increments of 10 mg to 30 mg once daily or 20 mg once daily. Patients were treated until PD in Part A, then they could continue with Afatinib and Vinorelbine in Part B. | |
| Reporting group title | Part B: Afatinib+V (Vinorelbine). |
| Reporting group description: Part B: Upon first Progression of Disease (PD), patients could enter Part B of the study, during which they continued to be treated with Afatinib at the previously applied dose in Part A and additionally were treated with Vinorelbine 25 mg/m ² per week via intravenous (i.v) infusion. Patients treated with Afatinib and Vinorelbine combination therapy could continue to receive treatment until second progression of disease, intolerable side effects, or withdrawal of consent. A patient was deemed to have completed the trial once they showed progressive disease according to RECIST (1.1) in Part B. | |
| Subject analysis set title | Afatinib Once Daily (OD). Afatinib+V (Vinorelbine). |
| Subject analysis set type | Safety analysis |
| Subject analysis set description: Part A: Patients received Afatinib tablets, 40 mg taken orally Once Daily (OD) until Progression of their Disease (PD). In case of treatment-related AEs, the 40 mg dose could be reduced by increments of 10 mg to 30 mg once daily or 20 mg once daily. Part B: Upon first Progression of Disease (PD), patients could enter Part B of the study, during which they continued to be treated with Afatinib and additionally were treated with Vinorelbine 25 mg/m ² per week via intravenous (i.v) infusion. Patients treated with Afatinib and Vinorelbine combination therapy could continue to receive treatment until second progression of disease, intolerable side effects, or withdrawal of consent. | |

Primary: Part A: Clinical Benefit (CB) Assessed by Complete Response (CR), Partial Response (PR) or Stable Disease (SD) for at least 6 Months Using the Response Evaluation Criteria in Solid Tumours (RECIST 1.1).

| | |
|--|---|
| End point title | Part A: Clinical Benefit (CB) Assessed by Complete Response (CR), Partial Response (PR) or Stable Disease (SD) for at least 6 Months Using the Response Evaluation Criteria in Solid Tumours (RECIST 1.1). ^[1] |
| End point description: Tumour response was assessed separately for Part A and Part B according to the Response Evaluation Criteria in Solid Tumours (RECIST) version 1.1. The primary endpoint of this study was confirmed clinical benefit, as assessed by stable disease for at least 6 months (defined as >182 days), partial response (PR), or complete response (CR) according to RECIST version 1.1 (only confirmed responses were considered). The Confidence Interval (CI) is Exact CI. | |
| End point type | Primary |
| End point timeframe: This endpoint was assessed between the from first administration of trial medication in Part A and the earliest of PD, death or start of next treatment (either Part B combination therapy or new anti-cancer therapy) up to 929 days. | |

Notes:

[1] - No statistical analyses have been specified for this primary end point. It is expected there is at least one statistical analysis for each primary end point.

Justification: This endpoint was evaluated only descriptively. Thus, no statistical hypothesis was tested.

| | | | | |
|-----------------------------------|-----------------------------------|--|--|--|
| End point values | Part A: Afatinib Once Daily (OD). | | | |
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 26 ^[2] | | | |
| Units: Percentage of participants | | | | |
| number (confidence interval 95%) | 35 (17 to 56) | | | |

Notes:

[2] - Part A: TS

Statistical analyses

No statistical analyses for this end point

Primary: Part B: Clinical Benefit (CB) Assessed by Complete Response (CR), Partial Response (PR) or Stable Disease (SD) for at least 6 Months Using the Response Evaluation Criteria in Solid Tumours (RECIST 1.1).

| | |
|-----------------|---|
| End point title | Part B: Clinical Benefit (CB) Assessed by Complete Response (CR), Partial Response (PR) or Stable Disease (SD) for at least 6 Months Using the Response Evaluation Criteria in Solid Tumours (RECIST 1.1). ^[3] |
|-----------------|---|

End point description:

Tumour response was assessed separately for Part A and Part B according to the Response Evaluation Criteria in Solid Tumours (RECIST) version 1.1. The primary endpoint of this study was confirmed clinical benefit, as assessed by stable disease for at least 6 months (defined as >182 days), partial response (PR), or complete response (CR) according to RECIST version 1.1 (only confirmed responses were considered). The Confidence Interval (CI) is Exact CI.

| | |
|----------------|---------|
| End point type | Primary |
|----------------|---------|

End point timeframe:

This endpoint was recorded from first administration of trial medication in Part B until the earliest of PD, death or start of new anti-cancer therapy up to 929 days.

Notes:

[3] - No statistical analyses have been specified for this primary end point. It is expected there is at least one statistical analysis for each primary end point.

Justification: This endpoint was evaluated only descriptively. Thus, no statistical hypothesis was tested.

| | | | | |
|-----------------------------------|---|--|--|--|
| End point values | Part B: Afatinib+V (Vinorelbine). | | | |
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 10 ^[4] | | | |
| Units: Percentage of participants | | | | |
| number (confidence interval 95%) | 20 (3 to 56) | | | |

Notes:

[4] - Part B: TS

Statistical analyses

No statistical analyses for this end point

Secondary: Part A: Confirmed Objective Response (OR) Assessed by RECIST 1.1 (Response Evaluation Criteria in Solid Tumours Version 1.1).

| | |
|-----------------|---|
| End point title | Part A: Confirmed Objective Response (OR) Assessed by RECIST 1.1 (Response Evaluation Criteria in Solid Tumours Version 1.1). |
|-----------------|---|

End point description:

Objective response was defined on a patient level as a best response of CR or PR. The Confidence Interval (CI) is Exact CI.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

This endpoint was recorded from first administration of trial medication until the earliest of disease progression, death or start of next treatment (either Part B combination therapy or new anti-cancer therapy) up to 929 days.

| | | | | |
|-----------------------------------|-----------------------------------|--|--|--|
| End point values | Part A: Afatinib Once Daily (OD). | | | |
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 26 ^[5] | | | |
| Units: Percentage of participants | | | | |
| number (confidence interval 95%) | 31 (14 to 52) | | | |

Notes:

[5] - Part A: TS

Statistical analyses

No statistical analyses for this end point

Secondary: Part B: Confirmed Objective Response (OR) Assessed by RECIST 1.1 (Response Evaluation Criteria in Solid Tumours Version 1.1).

| | |
|-----------------|---|
| End point title | Part B: Confirmed Objective Response (OR) Assessed by RECIST 1.1 (Response Evaluation Criteria in Solid Tumours Version 1.1). |
|-----------------|---|

End point description:

Objective response was defined on a patient level as a best response of CR or PR. The Confidence Interval (CI) is Exact CI.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

This endpoint was recorded from first administration of trial medication in Part B and until the earliest of disease progression, death or start of new anti-cancer therapy up to 929 days.

| | | | | |
|-----------------------------------|-----------------------------------|--|--|--|
| End point values | Part B: Afatinib+V (Vinorelbine). | | | |
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 10 ^[6] | | | |
| Units: Percentage of participants | | | | |
| number (confidence interval 95%) | 10 (0 to 45) | | | |

Notes:

[6] - Part B: TS

Statistical analyses

No statistical analyses for this end point

Secondary: Part A: Unconfirmed Objective Response (OR) Assessed by RECIST 1.1 (Response Evaluation Criteria in Solid Tumours Version 1.1).

| | |
|--|---|
| End point title | Part A: Unconfirmed Objective Response (OR) Assessed by RECIST 1.1 (Response Evaluation Criteria in Solid Tumours Version 1.1). |
| End point description: Objective response was defined on a patient level as a best response of CR or PR. The Confidence Interval (CI) is Exact CI. | |
| End point type | Secondary |
| End point timeframe: This endpoint was recorded from first administration of trial medication until the earliest of PD, death or start of next treatment (either Part B combination therapy or new anti-cancer therapy) up to 929 days. | |

| | | | | |
|-----------------------------------|-----------------------------------|--|--|--|
| End point values | Part A: Afatinib Once Daily (OD). | | | |
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 26 ^[7] | | | |
| Units: Percentage of participants | | | | |
| number (confidence interval 95%) | 42 (23 to 63) | | | |

Notes:

[7] - Part A: TS

Statistical analyses

No statistical analyses for this end point

Secondary: Part B: Unconfirmed Objective Response (OR) Assessed by RECIST 1.1 (Response Evaluation Criteria in Solid Tumours Version 1.1).

| | |
|--|---|
| End point title | Part B: Unconfirmed Objective Response (OR) Assessed by RECIST 1.1 (Response Evaluation Criteria in Solid Tumours Version 1.1). |
| End point description: Objective response was defined on a patient level as a best response of CR or PR. The Confidence Interval (CI) is Exact CI. | |
| End point type | Secondary |
| End point timeframe: This endpoint was recorded from first administration of trial medication in Part B and until the earliest of PD, death or start of new anti-cancer therapy up to 929 days. | |

| | | | | |
|-----------------------------------|-----------------------------------|--|--|--|
| End point values | Part B: Afatinib+V (Vinorelbine). | | | |
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 10 ^[8] | | | |
| Units: Percentage of participants | | | | |
| number (confidence interval 95%) | 30 (7 to 65) | | | |

Notes:

[8] - Part B: TS

Statistical analyses

No statistical analyses for this end point

Secondary: Part B: Duration of Unconfirmed Objective Response.

| | |
|-----------------|---|
| End point title | Part B: Duration of Unconfirmed Objective Response. |
|-----------------|---|

End point description:

Objective response was defined on a patient level as a best response of CR or PR. Duration of objective response was measured from the time of first unconfirmed objective response to the time of progression or death (or date of censoring for PFS).

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

From first drug administration until end of Part B, up to 929 days.

| End point values | Part B: Afatinib+V (Vinorelbine). | | | |
|----------------------------------|---|--|--|--|
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 3 ^[9] | | | |
| Units: Days | | | | |
| median (confidence interval 95%) | 57 (56 to 140) | | | |

Notes:

[9] - Part B: TS.

Statistical analyses

No statistical analyses for this end point

Secondary: Part A: Duration of Unconfirmed Objective Response.

| | |
|-----------------|---|
| End point title | Part A: Duration of Unconfirmed Objective Response. |
|-----------------|---|

End point description:

Objective response was defined on a patient level as a best response of CR (Complete Response) or PR (Partial Response). Duration of objective response was measured from the time of first unconfirmed objective response to the time of progression or death (or date of censoring for PFS-Progression Free Survival). 99999: Median is not calculable as the KM probability never falls to 0.5 therefore it can't be estimated.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

From first drug administration until end of Part A, up to 929 days.

| End point values | Part A: Afatinib Once Daily (OD). | | | |
|----------------------------------|---|--|--|--|
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 11 ^[10] | | | |
| Units: Days | | | | |
| median (confidence interval 95%) | 99999 (57 to 99999) | | | |

Notes:

[10] - Part A: TS.

Statistical analyses

No statistical analyses for this end point

Secondary: Part A: Progression Free Survival.

| | |
|-----------------|------------------------------------|
| End point title | Part A: Progression Free Survival. |
|-----------------|------------------------------------|

End point description:

PD was evaluated according to the RECIST version 1.1. For patients with a known date of progression (or death), PFS was the earlier of date of progression or death - date of first administration + 1. The date of progression and date of first administration referred to the respective part of the study A.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

From first drug administration until end of Part A, up to 713 days.

| | | | | |
|----------------------------------|---|--|--|--|
| End point values | Part A: Afatinib Once Daily (OD). | | | |
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 26 ^[11] | | | |
| Units: Days | | | | |
| median (confidence interval 95%) | 110.5 (58 to 386) | | | |

Notes:

[11] - Part A: TS

Statistical analyses

No statistical analyses for this end point

Secondary: Part B: Progression Free Survival.

| | |
|-----------------|------------------------------------|
| End point title | Part B: Progression Free Survival. |
|-----------------|------------------------------------|

End point description:

PD was evaluated according to the RECIST version 1.1. For patients with a known date of progression (or death), PFS was the earlier of date of progression or death - date of first administration + 1. The date of progression and date of first administration referred to the respective part of the study B.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

From first drug administration until end of Part B, up to 230 days.

| | | | | |
|----------------------------------|---|--|--|--|
| End point values | Part B: Afatinib+V (Vinorelbine). | | | |
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 10 ^[12] | | | |
| Units: Days | | | | |
| median (confidence interval 95%) | 106 (36 to 190) | | | |

Notes:

[12] - Part B: TS

Statistical analyses

No statistical analyses for this end point

Secondary: Progression Free Survival Over the Whole Study.

| | |
|--|---|
| End point title | Progression Free Survival Over the Whole Study. |
| End point description: | |
| PD was evaluated according to the RECIST version 1.1. Number of days from the start of monotherapy to the date of second PD. | |
| End point type | Secondary |
| End point timeframe: | |
| From first drug administration until end of study, up to 700 days. | |

| | | | | |
|----------------------------------|--|--|--|--|
| End point values | Afatinib Once Daily (OD). Afatinib+V (Vinorelbine). | | | |
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 26 ^[13] | | | |
| Units: Days | | | | |
| median (confidence interval 95%) | 253 (166 to 713) | | | |

Notes:

[13] - TS

Statistical analyses

No statistical analyses for this end point

Adverse events

Adverse events information

Timeframe for reporting adverse events:

Part A: From first study drug administration in Part A to last study drug administration in Part A + up to 28 days (max. 728). Part B: From first study drug administration in Part B to last study drug administration in Part B + up to 28 days (max. 265).

Adverse event reporting additional description:

The additional 28 days is the residual effect period which was added to the last study drug administration in each part. This may have been truncated in Part A where patients started Vinorelbine prior to the 28 days elapsing.

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

Dictionary used

| | |
|--------------------|--------|
| Dictionary name | MedDRA |
| Dictionary version | 17.1 |

Reporting groups

| | |
|-----------------------|-----------------------------------|
| Reporting group title | Part A: Afatinib Once Daily (OD). |
|-----------------------|-----------------------------------|

Reporting group description:

Part A: Patients received Afatinib tablets, 40 mg taken orally Once Daily (OD) until progression of their disease. In case of treatment-related AEs, the 40 mg dose could be reduced by increments of 10 mg to 30 mg once daily or 20 mg once daily.

| | |
|-----------------------|-----------------------------------|
| Reporting group title | Part B: Afatinib+V (Vinorelbine). |
|-----------------------|-----------------------------------|

Reporting group description:

Part B: Upon first Progression of Disease (PD), patients could enter Part B of the study, during which they continued to be treated with Afatinib and additionally were treated with Vinorelbine 25 mg/m² per week via intravenous (i.v) infusion. Patients treated with Afatinib and Vinorelbine combination therapy could continue to receive treatment until second progression of disease, intolerable side effects, or withdrawal of consent.

| Serious adverse events | Part A: Afatinib Once Daily (OD). | Part B: Afatinib+V (Vinorelbine). | |
|---|-----------------------------------|-----------------------------------|--|
| Total subjects affected by serious adverse events | | | |
| subjects affected / exposed | 12 / 26 (46.15%) | 4 / 10 (40.00%) | |
| number of deaths (all causes) | 5 | 6 | |
| number of deaths resulting from adverse events | 0 | 0 | |
| Neoplasms benign, malignant and unspecified (incl cysts and polyps) | | | |
| Malignant neoplasm progression | | | |
| subjects affected / exposed | 1 / 26 (3.85%) | 0 / 10 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 1 | 0 / 0 | |
| Metastases to central nervous system | | | |
| subjects affected / exposed | 1 / 26 (3.85%) | 0 / 10 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 1 | 0 / 0 | |

| | | | |
|--|----------------|-----------------|--|
| Metastases to liver | | | |
| subjects affected / exposed | 1 / 26 (3.85%) | 0 / 10 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 1 | 0 / 0 | |
| Tumour haemorrhage | | | |
| subjects affected / exposed | 1 / 26 (3.85%) | 0 / 10 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Injury, poisoning and procedural complications | | | |
| Hepatic haematoma | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 10 (10.00%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Wound complication | | | |
| subjects affected / exposed | 1 / 26 (3.85%) | 0 / 10 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Nervous system disorders | | | |
| Headache | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 10 (10.00%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| General disorders and administration site conditions | | | |
| Asthenia | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 10 (10.00%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Fatigue | | | |
| subjects affected / exposed | 1 / 26 (3.85%) | 0 / 10 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Pain | | | |

| | | | |
|--|-----------------|-----------------|--|
| subjects affected / exposed | 1 / 26 (3.85%) | 0 / 10 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Gastrointestinal disorders | | | |
| Abdominal pain | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 10 (10.00%) | |
| occurrences causally related to treatment / all | 0 / 0 | 1 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Diarrhoea | | | |
| subjects affected / exposed | 3 / 26 (11.54%) | 1 / 10 (10.00%) | |
| occurrences causally related to treatment / all | 3 / 3 | 1 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Nausea | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 10 (10.00%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Vomiting | | | |
| subjects affected / exposed | 3 / 26 (11.54%) | 1 / 10 (10.00%) | |
| occurrences causally related to treatment / all | 2 / 4 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Hepatobiliary disorders | | | |
| Hepatic lesion | | | |
| subjects affected / exposed | 1 / 26 (3.85%) | 0 / 10 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Respiratory, thoracic and mediastinal disorders | | | |
| Pneumonitis | | | |
| subjects affected / exposed | 1 / 26 (3.85%) | 0 / 10 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Renal and urinary disorders | | | |
| Renal failure | | | |

| | | | |
|---|----------------|-----------------|--|
| subjects affected / exposed | 1 / 26 (3.85%) | 0 / 10 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Musculoskeletal and connective tissue disorders | | | |
| Muscular weakness | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 10 (10.00%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Infections and infestations | | | |
| Abscess limb | | | |
| subjects affected / exposed | 1 / 26 (3.85%) | 0 / 10 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Cellulitis | | | |
| subjects affected / exposed | 1 / 26 (3.85%) | 0 / 10 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 3 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Lower respiratory tract infection | | | |
| subjects affected / exposed | 1 / 26 (3.85%) | 0 / 10 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Sepsis | | | |
| subjects affected / exposed | 1 / 26 (3.85%) | 0 / 10 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Urinary tract infection | | | |
| subjects affected / exposed | 1 / 26 (3.85%) | 0 / 10 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Metabolism and nutrition disorders | | | |
| Hyperphosphataemia | | | |
| subjects affected / exposed | 1 / 26 (3.85%) | 0 / 10 (0.00%) | |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |

Frequency threshold for reporting non-serious adverse events: 5 %

| Non-serious adverse events | Part A: Afatinib Once Daily (OD). | Part B: Afatinib+V (Vinorelbine). | |
|---|--------------------------------------|--------------------------------------|--|
| Total subjects affected by non-serious adverse events | | | |
| subjects affected / exposed | 26 / 26 (100.00%) | 10 / 10 (100.00%) | |
| Vascular disorders | | | |
| Lymphoedema | | | |
| subjects affected / exposed | 1 / 26 (3.85%) | 1 / 10 (10.00%) | |
| occurrences (all) | 1 | 1 | |
| General disorders and administration site conditions | | | |
| Catheter site erythema | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 10 (10.00%) | |
| occurrences (all) | 0 | 1 | |
| Fatigue | | | |
| subjects affected / exposed | 4 / 26 (15.38%) | 5 / 10 (50.00%) | |
| occurrences (all) | 5 | 5 | |
| Mucosal inflammation | | | |
| subjects affected / exposed | 10 / 26 (38.46%) | 3 / 10 (30.00%) | |
| occurrences (all) | 12 | 3 | |
| Pyrexia | | | |
| subjects affected / exposed | 1 / 26 (3.85%) | 2 / 10 (20.00%) | |
| occurrences (all) | 1 | 2 | |
| Reproductive system and breast disorders | | | |
| Breast pain | | | |
| subjects affected / exposed | 2 / 26 (7.69%) | 1 / 10 (10.00%) | |
| occurrences (all) | 3 | 1 | |
| Respiratory, thoracic and mediastinal disorders | | | |
| Dyspnoea | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 2 / 10 (20.00%) | |
| occurrences (all) | 0 | 3 | |
| Dysphonia | | | |

| | | | |
|--|-----------------|-----------------|--|
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 10 (10.00%) | |
| occurrences (all) | 0 | 1 | |
| Epistaxis | | | |
| subjects affected / exposed | 4 / 26 (15.38%) | 0 / 10 (0.00%) | |
| occurrences (all) | 7 | 0 | |
| Pleural effusion | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 10 (10.00%) | |
| occurrences (all) | 0 | 1 | |
| Oropharyngeal pain | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 10 (10.00%) | |
| occurrences (all) | 0 | 1 | |
| Rhinorrhoea | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 10 (10.00%) | |
| occurrences (all) | 0 | 1 | |
| Investigations | | | |
| Alanine aminotransferase increased | | | |
| subjects affected / exposed | 4 / 26 (15.38%) | 0 / 10 (0.00%) | |
| occurrences (all) | 4 | 0 | |
| Aspartate aminotransferase increased | | | |
| subjects affected / exposed | 4 / 26 (15.38%) | 0 / 10 (0.00%) | |
| occurrences (all) | 4 | 0 | |
| Blood alkaline phosphatase increased | | | |
| subjects affected / exposed | 2 / 26 (7.69%) | 0 / 10 (0.00%) | |
| occurrences (all) | 2 | 0 | |
| Blood creatine phosphokinase increased | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 10 (10.00%) | |
| occurrences (all) | 0 | 1 | |
| Neutrophil count decreased | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 10 (10.00%) | |
| occurrences (all) | 0 | 1 | |
| Weight decreased | | | |
| subjects affected / exposed | 7 / 26 (26.92%) | 4 / 10 (40.00%) | |
| occurrences (all) | 11 | 4 | |
| White blood cell count decreased | | | |

| | | | |
|---|----------------------|----------------------|--|
| subjects affected / exposed occurrences (all) | 0 / 26 (0.00%) 0 | 1 / 10 (10.00%) 1 | |
| Injury, poisoning and procedural complications | | | |
| Allergic transfusion reaction subjects affected / exposed occurrences (all) | 0 / 26 (0.00%) 0 | 1 / 10 (10.00%) 1 | |
| Contusion subjects affected / exposed occurrences (all) | 0 / 26 (0.00%) 0 | 1 / 10 (10.00%) 2 | |
| Fall subjects affected / exposed occurrences (all) | 0 / 26 (0.00%) 0 | 1 / 10 (10.00%) 1 | |
| Procedural haemorrhage subjects affected / exposed occurrences (all) | 0 / 26 (0.00%) 0 | 1 / 10 (10.00%) 1 | |
| Cardiac disorders | | | |
| Atrial flutter subjects affected / exposed occurrences (all) | 0 / 26 (0.00%) 0 | 1 / 10 (10.00%) 1 | |
| Nervous system disorders | | | |
| Dizziness subjects affected / exposed occurrences (all) | 2 / 26 (7.69%) 3 | 3 / 10 (30.00%) 3 | |
| Headache subjects affected / exposed occurrences (all) | 3 / 26 (11.54%) 3 | 1 / 10 (10.00%) 1 | |
| Memory impairment subjects affected / exposed occurrences (all) | 0 / 26 (0.00%) 0 | 1 / 10 (10.00%) 1 | |
| Migraine subjects affected / exposed occurrences (all) | 0 / 26 (0.00%) 0 | 1 / 10 (10.00%) 1 | |
| Neuropathy peripheral subjects affected / exposed occurrences (all) | 1 / 26 (3.85%) 1 | 1 / 10 (10.00%) 1 | |
| Blood and lymphatic system disorders | | | |

| | | | |
|--|------------------------|-----------------------|--|
| Anaemia subjects affected / exposed occurrences (all) | 4 / 26 (15.38%) 4 | 5 / 10 (50.00%) 6 | |
| Neutropenia subjects affected / exposed occurrences (all) | 1 / 26 (3.85%) 1 | 8 / 10 (80.00%) 29 | |
| Eye disorders | | | |
| Dry eye subjects affected / exposed occurrences (all) | 3 / 26 (11.54%) 3 | 0 / 10 (0.00%) 0 | |
| Panophthalmitis subjects affected / exposed occurrences (all) | 0 / 26 (0.00%) 0 | 1 / 10 (10.00%) 1 | |
| Gastrointestinal disorders | | | |
| Abdominal pain subjects affected / exposed occurrences (all) | 0 / 26 (0.00%) 0 | 2 / 10 (20.00%) 3 | |
| Abdominal pain upper subjects affected / exposed occurrences (all) | 2 / 26 (7.69%) 2 | 1 / 10 (10.00%) 1 | |
| Diarrhoea subjects affected / exposed occurrences (all) | 23 / 26 (88.46%) 75 | 6 / 10 (60.00%) 8 | |
| Dry mouth subjects affected / exposed occurrences (all) | 2 / 26 (7.69%) 2 | 0 / 10 (0.00%) 0 | |
| Nausea subjects affected / exposed occurrences (all) | 7 / 26 (26.92%) 9 | 5 / 10 (50.00%) 8 | |
| Stomatitis subjects affected / exposed occurrences (all) | 3 / 26 (11.54%) 3 | 1 / 10 (10.00%) 3 | |
| Vomiting subjects affected / exposed occurrences (all) | 7 / 26 (26.92%) 9 | 1 / 10 (10.00%) 1 | |
| Skin and subcutaneous tissue disorders | | | |

| | | | |
|---|------------------|-----------------|--|
| Alopecia | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 10 (10.00%) | |
| occurrences (all) | 0 | 1 | |
| Dermatitis | | | |
| subjects affected / exposed | 1 / 26 (3.85%) | 1 / 10 (10.00%) | |
| occurrences (all) | 1 | 1 | |
| Dry skin | | | |
| subjects affected / exposed | 2 / 26 (7.69%) | 1 / 10 (10.00%) | |
| occurrences (all) | 2 | 1 | |
| Dermatitis acneiform | | | |
| subjects affected / exposed | 5 / 26 (19.23%) | 0 / 10 (0.00%) | |
| occurrences (all) | 5 | 0 | |
| Erythema | | | |
| subjects affected / exposed | 3 / 26 (11.54%) | 1 / 10 (10.00%) | |
| occurrences (all) | 3 | 1 | |
| Fungating wound | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 10 (10.00%) | |
| occurrences (all) | 0 | 1 | |
| Hand dermatitis | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 10 (10.00%) | |
| occurrences (all) | 0 | 1 | |
| Palmar-plantar erythrodysesthesia syndrome | | | |
| subjects affected / exposed | 3 / 26 (11.54%) | 1 / 10 (10.00%) | |
| occurrences (all) | 3 | 1 | |
| Pruritus | | | |
| subjects affected / exposed | 2 / 26 (7.69%) | 0 / 10 (0.00%) | |
| occurrences (all) | 2 | 0 | |
| Rash | | | |
| subjects affected / exposed | 17 / 26 (65.38%) | 1 / 10 (10.00%) | |
| occurrences (all) | 21 | 2 | |
| Skin lesion | | | |
| subjects affected / exposed | 2 / 26 (7.69%) | 0 / 10 (0.00%) | |
| occurrences (all) | 2 | 0 | |
| Musculoskeletal and connective tissue disorders | | | |

| | | | |
|------------------------------------|-----------------|-----------------|--|
| Arthralgia | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 10 (10.00%) | |
| occurrences (all) | 0 | 1 | |
| Muscle spasms | | | |
| subjects affected / exposed | 1 / 26 (3.85%) | 1 / 10 (10.00%) | |
| occurrences (all) | 1 | 1 | |
| Myalgia | | | |
| subjects affected / exposed | 1 / 26 (3.85%) | 2 / 10 (20.00%) | |
| occurrences (all) | 1 | 2 | |
| Pain in extremity | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 10 (10.00%) | |
| occurrences (all) | 0 | 1 | |
| Infections and infestations | | | |
| Abscess limb | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 10 (10.00%) | |
| occurrences (all) | 0 | 2 | |
| Cystitis | | | |
| subjects affected / exposed | 1 / 26 (3.85%) | 1 / 10 (10.00%) | |
| occurrences (all) | 1 | 1 | |
| Cellulitis | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 10 (10.00%) | |
| occurrences (all) | 0 | 1 | |
| Eye infection | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 10 (10.00%) | |
| occurrences (all) | 0 | 1 | |
| Paronychia | | | |
| subjects affected / exposed | 9 / 26 (34.62%) | 0 / 10 (0.00%) | |
| occurrences (all) | 9 | 0 | |
| Rhinitis | | | |
| subjects affected / exposed | 0 / 26 (0.00%) | 1 / 10 (10.00%) | |
| occurrences (all) | 0 | 1 | |
| Upper respiratory tract infection | | | |
| subjects affected / exposed | 2 / 26 (7.69%) | 2 / 10 (20.00%) | |
| occurrences (all) | 2 | 3 | |
| Metabolism and nutrition disorders | | | |

| | | | |
|--|------------------------|----------------------|--|
| Decreased appetite subjects affected / exposed occurrences (all) | 10 / 26 (38.46%) 11 | 2 / 10 (20.00%) 2 | |
| Hypomagnesaemia subjects affected / exposed occurrences (all) | 2 / 26 (7.69%) 2 | 0 / 10 (0.00%) 0 | |
| Hypokalaemia subjects affected / exposed occurrences (all) | 5 / 26 (19.23%) 7 | 1 / 10 (10.00%) 1 | |
| Hyponatraemia subjects affected / exposed occurrences (all) | 0 / 26 (0.00%) 0 | 1 / 10 (10.00%) 1 | |

More information

Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

| Date | Amendment |
|-----------------|--|
| 18 October 2012 | <p>This amendment introduced a number of minor clarifications or updates of study procedures, administrative changes (such as updating the address of the coordinating investigator and including a citation for recently published data in place of previously unpublished data), and corrections to ensure consistency between the synopsis and the main text of the protocol and between different sections of the protocol. Changes to study procedures included the following: 1. A fresh tissue biopsy could be taken up to 2 days before C1V1. 2. No ECG was required at Day 15 of Course 1 in Part B. 3. Dispensing of trial medication was not required at the EOT visit in Part B. 4. It was clarified that patients having a short course palliative radiotherapy had to have a tumour assessment within 14 days of the first dose of Vinorelbine. 5. A statement on risk of keratitis and ulcerative keratitis was added since the European Medicines Agency (EMA) has requested a class labelling following treatment with currently approved EGFR inhibitors for cancer. 6. Exclusion criterion no. 7 was clarified: bilateral primary breast cancer, metastases to the contralateral breast. 7. Exclusion criterion no. 14 and the text of the CTP regarding dose adjustments with Vinorelbine was updated to be consistent with a newly released SmPC for Vinorelbine. 8. Exclusion criterion no. 17 was amended to allow higher values of ALT/AST (changed from 2.5 to 3 x ULN). 9. Exclusion criterion no. 26 was clarified to indicate that Trastuzumab failure patients had to have received Trastuzumab. 10. The time between first and second dose of afatinib could be less than 24 h. 11. The type of MRI to be used to assess brain lesions was updated. 12. The reporting of the worsening of underlying disease or other pre-existing conditions, and the change in vital signs, ECG, physical examination and laboratory tests results was amended as requested by regulatory authorities.</p> |
| 01 July 2013 | <p>This amendment introduced major changes to the study design. The reasons for the changes were slow recruitment of Trastuzumab-failure patients into Part A of the study (7 in total at 17 Jun 2013) plus a change in the benefit/risk of the combination of Afatinib and Vinorelbine (experimental arm). For BI trial 1200.75, an independent DMC conducted a benefit risk analysis when over half of the planned number of patients had been enrolled. The PFS analysis showed a low likelihood of the 1200.75 study meeting the pre-defined criteria for increased efficacy combined with an increased rate of treatment discontinuation and dose reduction and a higher rate of SAEs and deaths in the Afatinib and Vinorelbine arm of the study. The DMC recommended discontinuing recruitment into the 1200.75 trial. Boehringer Ingelheim decided to stop further randomisation into trial 1200.75 and to discontinue further treatment with the combination of Afatinib and Vinorelbine as of 26 Apr 2013. Boehringer Ingelheim decided as a precautionary measure, to stop the inclusion of new patients into Part B of the present study on 03 May 2013. Also, any patients in screening for Part B at that date were not permitted to start treatment. Due to the slow recruitment, it was also decided to stop further inclusion of patients into Part A. In addition, it was clarified that tumour assessments were to be performed in Part B every 8 weeks from the first dose of Vinorelbine. Also, precautionary information added regarding ILD (in line with the standard wording in other Afatinib trials) and keratitis (at the request of the French Health Authority for all Afatinib trials).</p> |

| | |
|---------------|--|
| 10 April 2014 | After the introduction of protocol amendment 2 recruitment for trial 1200.89 was ceased before it was fully completed. Therefore when protocol amendment 3 was implemented, there were only a few patients still receiving trial medication. Rather than perform the primary analysis and update it shortly thereafter, it was considered better to wait until most or all patients had progressed or started further treatment. No changes were made to the analysis only to the timing. To allow flexibility as to when the primary analysis was to be performed, the sentence regarding timing was updated. Additionally, collection of Observation Period data was no longer considered necessary. Patients still benefiting from treatment were to continue to receive trial medication. However, once they ceased trial medication they were to complete their study participation at the time of their last follow-up visit and did not enter the observation period. |
|---------------|--|

Notes:

Interruptions (globally)

Were there any global interruptions to the trial? Yes

| Date | Interruption | Restart date |
|-------------|--|--------------|
| 03 May 2013 | Boehringer Ingelheim decided to stop further randomisation into that trial and to discontinue further treatment with the combination of afatinib and vinorelbine as of 26 Apr 2013. Boehringer Ingelheim decided as a precautionary measure, to stop the inclusion of new patients into Part B of the 1200.89 study on 03 May 2013. Also, any patients in screening for Part B at that date were not permitted to start treatment. Due to the slow recruitment, it was also decided to stop further inclusion of patients into Part A. | - |

Notes:

Limitations and caveats

Limitations of the trial such as small numbers of subjects analysed or technical problems leading to unreliable data.

Boehringer Ingelheim (BI) decided to stop further inclusion of patients and stop further treatment with the combination of Afatinib and Vinorelbine as of 03-May-2013. Recruitment into the trial was stopped by amendment in Jul 2013.

Notes: