



## Clinical trial results:

### A Randomized, Open Label, Phase 2 Study of Rituximab and Bendamustine With or Without Brentuximab Vedotin for Relapsed or Refractory CD30-Positive Diffuse Large B-Cell Lymphoma

#### Summary

|                          |                   |
|--------------------------|-------------------|
| EudraCT number           | 2015-001671-51    |
| Trial protocol           | GB CZ FR ES PL    |
| Global end of trial date | 30 September 2017 |

#### Results information

|                                |                 |
|--------------------------------|-----------------|
| Result version number          | v1 (current)    |
| This version publication date  | 03 October 2018 |
| First version publication date | 03 October 2018 |

#### Trial information

##### Trial identification

|                       |           |
|-----------------------|-----------|
| Sponsor protocol code | SGN35-023 |
|-----------------------|-----------|

##### Additional study identifiers

|                                    |             |
|------------------------------------|-------------|
| ISRCTN number                      | -           |
| ClinicalTrials.gov id (NCT number) | NCT02594163 |
| WHO universal trial number (UTN)   | -           |

Notes:

#### Sponsors

|                              |   |
|------------------------------|---|
| Sponsor organisation name    | Seattle Genetics, Inc.  |
| Sponsor organisation address | 21823 30th Dr, Bothell, United States, 98021                                    |
| Public contact               | Chief Medical Officer, Seattle Genetics, Inc., 1 8554732436, medinfo@seagen.com |
| Scientific contact           | Chief Medical Officer, Seattle Genetics, Inc., 1 8554732436, medinfo@seagen.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                       | 01 August 2018    |
| Is this the analysis of the primary completion data? | Yes               |
| Primary completion date                              | 30 September 2017 |
| Global end of trial reached?                         | Yes               |
| Global end of trial date                             | 30 September 2017 |
| Was the trial ended prematurely?                     | Yes               |

Notes:

## General information about the trial

Main objective of the trial:

This is a randomized, open-label, multicenter, Phase 2 clinical trial designed to evaluate the efficacy and safety of brentuximab vedotin in combination with rituximab and bendamustine for the treatment of patients with relapsed or refractory CD30-positive diffuse large B-cell lymphoma (DLBCL) after failure of second-line salvage therapy or as second-line treatment in patients ineligible for autologous stem cell transplant (ASCT). Patients will be randomized in a 1:1 manner to receive rituximab plus bendamustine with or without brentuximab vedotin. Patients who respond to combination treatment containing brentuximab vedotin and do not experience excessive toxicity may receive additional single-agent brentuximab vedotin following combination treatment, for up to an additional 10 cycles (up to 16 total cycles of treatment).

Protection of trial subjects:

The protocol for this study was designed in accordance with the general ethical principles outlined in the Declaration of Helsinki. The conduct of all aspects of the study, including methods for obtaining informed consent, were also in accordance with principles enunciated in the declaration, the International Council for Harmonisation (ICH) Good Clinical Practices (GCP), and applicable Food and Drug Administration (FDA) regulations/guidelines set forth in Title 21 CFR Parts 11, 50, 56, and 312. The consent form approved by each IRB/IEC included all elements required by the applicable regional laws and regulations, including a statement that Seattle Genetics, Inc. and authorities had access to patient records. Consent was obtained from all patients before any protocol-required procedures were performed, including any procedure not part of normal patient care.

Background therapy: -

Evidence for comparator: -

|   |                   |
|---|-------------------|
| Actual start date of recruitment                          | 14 September 2015 |
| Long term follow-up planned                               | No                |
| Independent data monitoring committee (IDMC) involvement? | Yes               |

Notes:

## Population of trial subjects

### Subjects enrolled per country

|                                      |                   |
|--------------------------------------|-------------------|
| Country: Number of subjects enrolled | Poland: 1         |
| Country: Number of subjects enrolled | United Kingdom: 5 |
| Country: Number of subjects enrolled | Czech Republic: 1 |
| Country: Number of subjects enrolled | France: 6         |
| Country: Number of subjects enrolled | Italy: 7          |
| Country: Number of subjects enrolled | United States: 5  |
| Worldwide total number of subjects   | 25                |
| EEA total number of subjects         | 20                |

Notes:

| <b>Subjects enrolled per age group</b>    |    |
|---|----|
| 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)                      | 10 |
| From 65 to 84 years                       | 14 |
| 85 years and over                         | 1  |

## Subject disposition

### Recruitment

Recruitment details:

First patient began treatment on 09 Mar 2016; the last patient began treatment on 11 May 2017.

### Pre-assignment

Screening details:

The population to be studied includes patients with relapsed or refractory CD30-positive diffuse large B-cell lymphoma.

### Period 1

|                              |                                |
|------------------------------|--------------------------------|
| Period 1 title               | Overall Trial (overall period) |
| Is this the baseline period? | Yes                            |
| Allocation method            | Randomised - controlled        |
| Blinding used                | Not blinded                    |

### Arms

|                              |                                 |
|------------------------------|---------------------------------|
| Are arms mutually exclusive? | Yes                             |
| <b>Arm title</b>             | Rituximab, Bendamustine Control |

Arm description:

Subjects randomized to the control arm will receive IV infusions of rituximab on day 1 or day 2 and bendamustine on both days 1 and 2 of each 21 day cycle.

Rituximab

Bendamustine

|  |                                       |
|--|---------------------------------------|
| Arm type                               | Active comparator                     |
| Investigational medicinal product name | Rituximab                             |
| Investigational medicinal product code |                                       |
| Other name                             |                                       |
| Pharmaceutical forms                   | Concentrate for solution for infusion |
| Routes of administration               | Intravenous use                       |

Dosage and administration details:

375 mg/m<sup>2</sup> IV infusion (per institutional standard of care) on Day 2 (+1) of each 21-day cycle

|  |                                  |
|--|----------------------------------|
| Investigational medicinal product name | Bendamustine                     |
| Investigational medicinal product code |                                  |
| Other name                             |                                  |
| Pharmaceutical forms                   | Powder for solution for infusion |
| Routes of administration               | Intravenous use                  |

Dosage and administration details:

90 mg/m<sup>2</sup> IV infusion on Day 1 AND Day 2 (+1) of each 21-day cycle

|                  |  |
|------------------|--|
| <b>Arm title</b> | Brentuximab Vedotin plus Rituximab plus Bendamustine |
|------------------|--|

Arm description:

Subjects randomized to the brentuximab vedotin arm will receive IV infusions of brentuximab vedotin followed by bendamustine on day 1, and rituximab followed by bendamustine on day 2 of each 21 day cycle.

Brentuximab Vedotin

Rituximab

Bendamustine

|          |              |
|----------|--------------|
| Arm type | Experimental |
|----------|--------------|

|   |  |
|---|--|
| Investigational medicinal product name  | Rituximab  |
| Investigational medicinal product code  |  |
| Other name  |  |
| Pharmaceutical forms  | Concentrate for solution for infusion            |
| Routes of administration  | Intravenous use                                  |
| Dosage and administration details:  |  |
| 375 mg/m <sup>2</sup> IV infusion (per institutional standard of care) on Day 2 (+1) of each 21-day cycle |  |
| Investigational medicinal product name  | Bendamustine                                     |
| Investigational medicinal product code  |  |
| Other name  |  |
| Pharmaceutical forms  | Powder for solution for infusion                 |
| Routes of administration  | Intravenous use                                  |
| Dosage and administration details:  |  |
| 90 mg/m <sup>2</sup> IV infusion on Day 1 AND Day 2 (+1) of each 21-day cycle                             |  |
| Investigational medicinal product name  | Brentuximab vedotin                              |
| Investigational medicinal product code  |  |
| Other name  | Adcetris   |
| Pharmaceutical forms  | Powder for concentrate for solution for infusion |
| Routes of administration  | Intravenous use                                  |
| Dosage and administration details:  |  |
| 1.8 mg/kg IV infusion on Day 1 of each 21-day cycle   |  |

| <b>Number of subjects in period 1</b> | Rituximab,<br>Bendamustine<br>Control | Brentuximab Vedotin<br>plus Rituximab plus<br>Bendamustine |
|---------------------------------------|---------------------------------------|--|
| Started                               | 12                                    | 13   |
| Completed                             | 1                                     | 1  |
| Not completed                         | 11                                    | 12   |
| Withdrawl by Subject                  | -                                     | 1  |
| Physician decision                    | -                                     | 1  |
| Adverse Event                         | -                                     | 1  |
| Death                                 | 2                                     | 5  |
| Progressive Disease                   | 2                                     | -  |
| Lost to follow-up                     | 1                                     | -  |
| Study Termination by Sponsor          | 6                                     | 4  |

## Baseline characteristics

### Reporting groups

|                       |                                 |
|-----------------------|---------------------------------|
| Reporting group title | Rituximab, Bendamustine Control |
|-----------------------|---------------------------------|

Reporting group description:

Subjects randomized to the control arm will receive IV infusions of rituximab on day 1 or day 2 and bendamustine on both days 1 and 2 of each 21 day cycle.

Rituximab

Bendamustine

|                       |  |
|-----------------------|--|
| Reporting group title | Brentuximab Vedotin plus Rituximab plus Bendamustine |
|-----------------------|--|

Reporting group description:

Subjects randomized to the brentuximab vedotin arm will receive IV infusions of brentuximab vedotin followed by bendamustine on day 1, and rituximab followed by bendamustine on day 2 of each 21 day cycle.

Brentuximab Vedotin

Rituximab

Bendamustine

| Reporting group values  | Rituximab, Bendamustine Control | Brentuximab Vedotin plus Rituximab plus Bendamustine | Total |
|---|---------------------------------|--|-------|
| Number of subjects  | 12                              | 13   | 25    |
| Age categorical   |                                 |  |       |
| Units: Subjects   |                                 |  |       |
| Adults (18-64 years)  | 6                               | 4  | 10    |
| From 65-84 years  | 5                               | 9  | 14    |
| 85 years and over   | 1                               | 0  | 1     |
| Age continuous  |                                 |  |       |
| Units: years  |                                 |  |       |
| median  | 64.5                            | 68   |       |
| full range (min-max)  | 47 to 85                        | 40 to 79   | -     |
| Gender categorical  |                                 |  |       |
| Units: Subjects   |                                 |  |       |
| Female  | 8                               | 6  | 14    |
| Male  | 4                               | 7  | 11    |
| Ethnicity (NIH/OMB)   |                                 |  |       |
| Units: Subjects   |                                 |  |       |
| Hispanic or Latino  | 2                               | 1  | 3     |
| Not Hispanic or Latino  | 7                               | 10   | 17    |
| Unknown or Not Reported   | 3                               | 2  | 5     |
| Race (NIH/OMB)  |                                 |  |       |
| Units: Subjects   |                                 |  |       |
| White   | 9                               | 11   | 20    |
| Unknown or Not Reported   | 3                               | 2  | 5     |
| Eastern Cooperative Oncology Group (ECOG) Performance Status  |                                 |  |       |
| 0=Normal activity; 1=Symptoms but ambulatory; 2=In bed <50% of the time; 3= In bed >50% of the time; 4=100% bedridden; 5=Dead |                                 |  |       |
| Units: Subjects   |                                 |  |       |

|                                     |   |   |    |
|-------------------------------------|---|---|----|
| 0: Normal Activity                  | 7 | 6 | 13 |
| 1: Symptoms but ambulatory          | 5 | 4 | 9  |
| 2: In bed less than 50% of the time | 0 | 3 | 3  |

## End points

### End points reporting groups

|  |  |
|--|--|
| Reporting group title  | Rituximab, Bendamustine Control                      |
| Reporting group description:<br>Subjects randomized to the control arm will receive IV infusions of rituximab on day 1 or day 2 and bendamustine on both days 1 and 2 of each 21 day cycle.  |  |
| Rituximab  |  |
| Bendamustine   |  |
| Reporting group title  | Brentuximab Vedotin plus Rituximab plus Bendamustine |
| Reporting group description:<br>Subjects randomized to the brentuximab vedotin arm will receive IV infusions of brentuximab vedotin followed by bendamustine on day 1, and rituximab followed by bendamustine on day 2 of each 21 day cycle. |  |
| Brentuximab Vedotin  |  |
| Rituximab  |  |
| Bendamustine   |  |

### Primary: Objective Response Rate (ORR)

|  |  |
|--|--|
| End point title  | Objective Response Rate (ORR) <sup>[1]</sup> |
| End point description:<br>ORR is defined as the percentage of patients who achieve a Complete Response (CR) (including Complete Metabolic Response (CMR)) or Partial Response (PR) (including Partial Metabolic Response (PMR)) as best response to combination therapy on study |  |
| End point type   | Primary                                      |
| End point timeframe:<br>Approximately 1 year   |  |

#### 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: Due to the small number of patients recruited in the study there will be no formal assessment of the primary endpoint. The observed ORR (a best response of CR/CMR, PR/PMR) is presented by treatment arm for the ITT population along with the corresponding exact 90% and 95% confidence intervals (CIs) using the exact binomial method (i.e., Clopper-Pearson method).

| End point values                  | Rituximab, Bendamustine Control | Brentuximab Vedotin plus Rituximab plus Bendamustine |  |  |
|-----------------------------------|---------------------------------|--|--|--|
| Subject group type                | Reporting group                 | Reporting group                                      |  |  |
| Number of subjects analysed       | 12                              | 13   |  |  |
| Units: percentage of participants |                                 |  |  |  |
| number (confidence interval 95%)  | 91.7 (61.5 to 99.8)             | 61.5 (31.6 to 86.1)                                  |  |  |

## Statistical analyses



No statistical analyses for this end point

### Secondary: Progression-free Survival (PFS)

|                 |                                 |
|-----------------|---------------------------------|
| End point title | Progression-free Survival (PFS) |
|-----------------|---------------------------------|

End point description:

PFS is defined as the time from randomization to disease progression/relapse, receipt of subsequent lymphoma chemotherapy other than the components of the study treatment regimen, or death from any cause, whichever occurs first.

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

End point timeframe:

Up to 11.8 months

| End point values              | Rituximab, Bendamustine Control | Brentuximab Vedotin plus Rituximab plus Bendamustine |  |  |
|-------------------------------|---------------------------------|--|--|--|
| Subject group type            | Reporting group                 | Reporting group                                      |  |  |
| Number of subjects analysed   | 12                              | 13   |  |  |
| Units: months                 |                                 |  |  |  |
| median (full range (min-max)) | 4.9 (1.6 to 11.8)               | 3.7 (0.8 to 11.5)                                    |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: Complete Remission (CR) Rate

|                 |                              |
|-----------------|------------------------------|
| End point title | Complete Remission (CR) Rate |
|-----------------|------------------------------|

End point description:

CRR is the proportion of patients who achieve a Complete Response (CR) (including Complete Metabolic Response (CMR)) as best response to combination therapy on study.

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

End point timeframe:

Approximately 1 year

| End point values            | Rituximab, Bendamustine Control | Brentuximab Vedotin plus Rituximab plus Bendamustine |  |  |
|-----------------------------|---------------------------------|--|--|--|
| Subject group type          | Reporting group                 | Reporting group                                      |  |  |
| Number of subjects analysed | 12                              | 13   |  |  |
| Units: participants         | 8                               | 7  |  |  |

## Statistical analyses

No statistical analyses for this end point

### Secondary: Duration of Response (DOR)

|                 |                            |
|-----------------|----------------------------|
| End point title | Duration of Response (DOR) |
|-----------------|----------------------------|

End point description:

DOR is defined as the time from first observation of response to disease progression/relapse, receipt of subsequent lymphoma chemotherapy other than the components of the study treatment regimen, or death from any cause, whichever occurs first.

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

End point timeframe:

Up to 10.5 months

| End point values              | Rituximab,<br>Bendamustine<br>Control | Brentuximab<br>Vedotin plus<br>Rituximab plus<br>Bendamustine |  |  |
|-------------------------------|---------------------------------------|---|--|--|
| Subject group type            | Reporting group                       | Reporting group   |  |  |
| Number of subjects analysed   | 11                                    | 8   |  |  |
| Units: months                 |                                       |   |  |  |
| median (full range (min-max)) | 3.7 (0.0 to<br>10.5)                  | 4.1 (0.0 to<br>10.1)  |  |  |

## Statistical analyses

No statistical analyses for this end point

### Secondary: Overall Survival (OS)

|                 |                       |
|-----------------|-----------------------|
| End point title | Overall Survival (OS) |
|-----------------|-----------------------|

End point description:

OS is defined as the time randomization to death from any cause.

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

End point timeframe:

Up to 1.5 years

| End point values              | Rituximab,<br>Bendamustine<br>Control | Brentuximab<br>Vedotin plus<br>Rituximab plus<br>Bendamustine |  |  |
|-------------------------------|---------------------------------------|---|--|--|
| Subject group type            | Reporting group                       | Reporting group   |  |  |
| Number of subjects analysed   | 12                                    | 13  |  |  |
| Units: months                 |                                       |   |  |  |
| median (full range (min-max)) | 14.3 (3.9 to<br>18)                   | 6.5 (1.9 to<br>11.9)  |  |  |

## Statistical analyses

No statistical analyses for this end point

## Secondary: Number and Severity of Adverse Events (AEs)

|                 |   |
|-----------------|---|
| End point title | Number and Severity of Adverse Events (AEs) |
|-----------------|---|

End point description:

All AEs are included in the summaries, unless treatment-emergent is specified.

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

End point timeframe:

Approximately 1 year

| End point values                                   | Rituximab,<br>Bendamustine<br>Control | Brentuximab<br>Vedotin plus<br>Rituximab plus<br>Bendamustine |  |  |
|--|---------------------------------------|---|--|--|
| Subject group type                                 | Reporting group                       | Reporting group   |  |  |
| Number of subjects analysed                        | 12                                    | 13  |  |  |
| Units: events                                      |                                       |   |  |  |
| Treatment-Emergent Adverse Event                   | 11                                    | 13  |  |  |
| Treatment-Related Adverse Event                    | 10                                    | 13  |  |  |
| Brentuximab Vedotin-Related Adverse Event          | 0                                     | 11  |  |  |
| Rituximab-Related Adverse Event                    | 6                                     | 10  |  |  |
| Bendamustine-Related Adverse Event                 | 10                                    | 13  |  |  |
| Adverse Event with Outcome of Death                | 0                                     | 1   |  |  |
| Serious Adverse Event                              | 3                                     | 8   |  |  |
| Treatment-Related Serious Adverse Event            | 3                                     | 3   |  |  |
| Adverse Event Leading to Dose Delay                | 3                                     | 0   |  |  |
| Adverse Event Leading to Treatment Discontinuation | 1                                     | 5   |  |  |
| Grade 3-5 Treatment-Emergent Adverse Event         | 4                                     | 11  |  |  |

## Statistical analyses

No statistical analyses for this end point

## Adverse events

### Adverse events information

Timeframe for reporting adverse events:

Approximately 1 year

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

### Dictionary used

|                 |        |
|-----------------|--------|
| Dictionary name | MedDRA |
|-----------------|--------|

|                    |      |
|--------------------|------|
| Dictionary version | 18.1 |
|--------------------|------|

### Reporting groups

|                       |                                 |
|-----------------------|---------------------------------|
| Reporting group title | Rituximab, Bendamustine Control |
|-----------------------|---------------------------------|

Reporting group description:

Subjects randomized to the control arm will receive IV infusions of rituximab on day 1 or day 2 and bendamustine on both days 1 and 2 of each 21 day cycle.

Rituximab

Bendamustine

|                       |                     |
|-----------------------|---------------------|
| Reporting group title | Brentuximab Vedotin |
|-----------------------|---------------------|

Reporting group description:

Subjects randomized to the brentuximab vedotin arm will receive IV infusions of brentuximab vedotin followed by bendamustine on day 1, and rituximab followed by bendamustine on day 2 of each 21 day cycle.

Brentuximab Vedotin

Rituximab

Bendamustine

| Serious adverse events  | Rituximab,<br>Bendamustine<br>Control | Brentuximab Vedotin |  |
|---|---------------------------------------|---------------------|--|
| Total subjects affected by serious adverse events                   |                                       |                     |  |
| subjects affected / exposed   | 3 / 12 (25.00%)                       | 8 / 13 (61.54%)     |  |
| number of deaths (all causes)                                       | 2                                     | 5                   |  |
| number of deaths resulting from adverse events                      | 0                                     | 0                   |  |
| Neoplasms benign, malignant and unspecified (incl cysts and polyps) |                                       |                     |  |
| Cancer pain   |                                       |                     |  |
| subjects affected / exposed   | 0 / 12 (0.00%)                        | 1 / 13 (7.69%)      |  |
| occurrences causally related to treatment / all                     | 0 / 0                                 | 0 / 1               |  |
| deaths causally related to treatment / all                          | 0 / 0                                 | 0 / 0               |  |
| Diffuse large B-cell lymphoma                                       |                                       |                     |  |
| subjects affected / exposed   | 0 / 12 (0.00%)                        | 1 / 13 (7.69%)      |  |
| occurrences causally related to treatment / all                     | 0 / 0                                 | 0 / 1               |  |
| deaths causally related to treatment / all                          | 0 / 0                                 | 0 / 1               |  |

|   |                |                |  |
|---|----------------|----------------|--|
| Diffuse large B-cell lymphoma refractory        |                |                |  |
| subjects affected / exposed                     | 0 / 12 (0.00%) | 1 / 13 (7.69%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Metastases to peritoneum                        |                |                |  |
| subjects affected / exposed                     | 0 / 12 (0.00%) | 1 / 13 (7.69%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Investigations                                  |                |                |  |
| Blood creatinine increased                      |                |                |  |
| subjects affected / exposed                     | 0 / 12 (0.00%) | 1 / 13 (7.69%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 2          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Neutrophil count decreased                      |                |                |  |
| subjects affected / exposed                     | 0 / 12 (0.00%) | 1 / 13 (7.69%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 1 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Platelet count decreased                        |                |                |  |
| subjects affected / exposed                     | 0 / 12 (0.00%) | 1 / 13 (7.69%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 2 / 2          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| White blood cell count decreased                |                |                |  |
| subjects affected / exposed                     | 0 / 12 (0.00%) | 1 / 13 (7.69%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 3 / 3          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Nervous system disorders                        |                |                |  |
| Transient ischaemic attack                      |                |                |  |
| subjects affected / exposed                     | 1 / 12 (8.33%) | 0 / 13 (0.00%) |  |
| occurrences causally related to treatment / all | 1 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Blood and lymphatic system disorders            |                |                |  |
| Anaemia   |                |                |  |

|  |                |                |  |
|--|----------------|----------------|--|
| subjects affected / exposed                          | 0 / 12 (0.00%) | 1 / 13 (7.69%) |  |
| occurrences causally related to treatment / all      | 0 / 0          | 1 / 1          |  |
| deaths causally related to treatment / all           | 0 / 0          | 0 / 0          |  |
| Febrile neutropenia                                  |                |                |  |
| subjects affected / exposed                          | 1 / 12 (8.33%) | 0 / 13 (0.00%) |  |
| occurrences causally related to treatment / all      | 1 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all           | 0 / 0          | 0 / 0          |  |
| Histiocytosis haematophagic                          |                |                |  |
| subjects affected / exposed                          | 0 / 12 (0.00%) | 1 / 13 (7.69%) |  |
| occurrences causally related to treatment / all      | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all           | 0 / 0          | 0 / 0          |  |
| Pancytopenia   |                |                |  |
| subjects affected / exposed                          | 0 / 12 (0.00%) | 1 / 13 (7.69%) |  |
| occurrences causally related to treatment / all      | 0 / 0          | 1 / 1          |  |
| deaths causally related to treatment / all           | 0 / 0          | 0 / 0          |  |
| General disorders and administration site conditions |                |                |  |
| Pyrexia  |                |                |  |
| subjects affected / exposed                          | 1 / 12 (8.33%) | 1 / 13 (7.69%) |  |
| occurrences causally related to treatment / all      | 1 / 1          | 1 / 1          |  |
| deaths causally related to treatment / all           | 0 / 0          | 0 / 0          |  |
| Asthenia   |                |                |  |
| subjects affected / exposed                          | 0 / 12 (0.00%) | 1 / 13 (7.69%) |  |
| occurrences causally related to treatment / all      | 0 / 0          | 1 / 1          |  |
| deaths causally related to treatment / all           | 0 / 0          | 0 / 0          |  |
| Fatigue  |                |                |  |
| subjects affected / exposed                          | 0 / 12 (0.00%) | 1 / 13 (7.69%) |  |
| occurrences causally related to treatment / all      | 0 / 0          | 1 / 1          |  |
| deaths causally related to treatment / all           | 0 / 0          | 0 / 0          |  |
| General physical health deterioration                |                |                |  |
| subjects affected / exposed                          | 1 / 12 (8.33%) | 0 / 13 (0.00%) |  |
| occurrences causally related to treatment / all      | 1 / 1          | 0 / 0          |  |
| deaths causally related to treatment / all           | 0 / 0          | 0 / 0          |  |
| Gastrointestinal disorders                           |                |                |  |

|   |                |                 |  |
|---|----------------|-----------------|--|
| Abdominal pain                                  |                |                 |  |
| subjects affected / exposed                     | 0 / 12 (0.00%) | 1 / 13 (7.69%)  |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1           |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0           |  |
| Respiratory, thoracic and mediastinal disorders |                |                 |  |
| Hypoxia   |                |                 |  |
| subjects affected / exposed                     | 0 / 12 (0.00%) | 1 / 13 (7.69%)  |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1           |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0           |  |
| Pleural effusion                                |                |                 |  |
| subjects affected / exposed                     | 0 / 12 (0.00%) | 1 / 13 (7.69%)  |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1           |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0           |  |
| Pneumonitis                                     |                |                 |  |
| subjects affected / exposed                     | 0 / 12 (0.00%) | 1 / 13 (7.69%)  |  |
| occurrences causally related to treatment / all | 0 / 0          | 1 / 1           |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0           |  |
| Infections and infestations                     |                |                 |  |
| Sepsis  |                |                 |  |
| subjects affected / exposed                     | 0 / 12 (0.00%) | 2 / 13 (15.38%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 1 / 2           |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0           |  |
| Infection                                       |                |                 |  |
| subjects affected / exposed                     | 0 / 12 (0.00%) | 1 / 13 (7.69%)  |  |
| occurrences causally related to treatment / all | 0 / 0          | 1 / 1           |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0           |  |
| Kidney infection                                |                |                 |  |
| subjects affected / exposed                     | 0 / 12 (0.00%) | 1 / 13 (7.69%)  |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1           |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0           |  |
| Lymphangitis                                    |                |                 |  |
| subjects affected / exposed                     | 0 / 12 (0.00%) | 1 / 13 (7.69%)  |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1           |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0           |  |

|   |                |                |  |
|---|----------------|----------------|--|
| Pneumonia                                       |                |                |  |
| subjects affected / exposed                     | 0 / 12 (0.00%) | 1 / 13 (7.69%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 0 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |
| Pneumonia viral                                 |                |                |  |
| subjects affected / exposed                     | 0 / 12 (0.00%) | 1 / 13 (7.69%) |  |
| occurrences causally related to treatment / all | 0 / 0          | 1 / 1          |  |
| deaths causally related to treatment / all      | 0 / 0          | 0 / 0          |  |

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

| <b>Non-serious adverse events</b>                                   | Rituximab,<br>Bendamustine<br>Control | Brentuximab Vedotin |  |
|---|---------------------------------------|---------------------|--|
| Total subjects affected by non-serious adverse events               |                                       |                     |  |
| subjects affected / exposed   | 11 / 12 (91.67%)                      | 13 / 13 (100.00%)   |  |
| Neoplasms benign, malignant and unspecified (incl cysts and polyps) |                                       |                     |  |
| Diffuse large B-cell lymphoma refractory                            |                                       |                     |  |
| subjects affected / exposed   | 0 / 12 (0.00%)                        | 1 / 13 (7.69%)      |  |
| occurrences (all)   | 0                                     | 1                   |  |
| Vascular disorders  |                                       |                     |  |
| Hypotension   |                                       |                     |  |
| subjects affected / exposed   | 0 / 12 (0.00%)                        | 1 / 13 (7.69%)      |  |
| occurrences (all)   | 0                                     | 5                   |  |
| General disorders and administration site conditions                |                                       |                     |  |
| Asthenia  |                                       |                     |  |
| subjects affected / exposed   | 2 / 12 (16.67%)                       | 3 / 13 (23.08%)     |  |
| occurrences (all)   | 6                                     | 3                   |  |
| Fatigue   |                                       |                     |  |
| subjects affected / exposed   | 2 / 12 (16.67%)                       | 3 / 13 (23.08%)     |  |
| occurrences (all)   | 2                                     | 6                   |  |
| Pyrexia   |                                       |                     |  |
| subjects affected / exposed   | 1 / 12 (8.33%)                        | 4 / 13 (30.77%)     |  |
| occurrences (all)   | 4                                     | 5                   |  |
| Chills  |                                       |                     |  |



|  |                      |                      |  |
|--|----------------------|----------------------|--|
| subjects affected / exposed<br>occurrences (all)                                 | 2 / 12 (16.67%)<br>3 | 0 / 13 (0.00%)<br>0  |  |
| Device malfunction<br>subjects affected / exposed<br>occurrences (all)           | 1 / 12 (8.33%)<br>1  | 0 / 13 (0.00%)<br>0  |  |
| Pain<br>subjects affected / exposed<br>occurrences (all)                         | 1 / 12 (8.33%)<br>1  | 0 / 13 (0.00%)<br>0  |  |
| Performance status decreased<br>subjects affected / exposed<br>occurrences (all) | 0 / 12 (0.00%)<br>0  | 1 / 13 (7.69%)<br>1  |  |
| Respiratory, thoracic and mediastinal disorders                                  |                      |                      |  |
| Cough<br>subjects affected / exposed<br>occurrences (all)                        | 2 / 12 (16.67%)<br>3 | 3 / 13 (23.08%)<br>3 |  |
| Dyspnoea<br>subjects affected / exposed<br>occurrences (all)                     | 2 / 12 (16.67%)<br>3 | 1 / 13 (7.69%)<br>2  |  |
| Hypoxia<br>subjects affected / exposed<br>occurrences (all)                      | 0 / 12 (0.00%)<br>0  | 2 / 13 (15.38%)<br>3 |  |
| Pleural effusion<br>subjects affected / exposed<br>occurrences (all)             | 0 / 12 (0.00%)<br>0  | 2 / 13 (15.38%)<br>2 |  |
| Hiccups<br>subjects affected / exposed<br>occurrences (all)                      | 0 / 12 (0.00%)<br>0  | 1 / 13 (7.69%)<br>1  |  |
| Nasal congestion<br>subjects affected / exposed<br>occurrences (all)             | 1 / 12 (8.33%)<br>1  | 0 / 13 (0.00%)<br>0  |  |
| Pneumomediastinum<br>subjects affected / exposed<br>occurrences (all)            | 0 / 12 (0.00%)<br>0  | 1 / 13 (7.69%)<br>1  |  |
| Pneumonitis  |                      |                      |  |

|  |                     |                      |  |
|--|---------------------|----------------------|--|
| subjects affected / exposed<br>occurrences (all)   | 0 / 12 (0.00%)<br>0 | 1 / 13 (7.69%)<br>1  |  |
| Respiratory failure<br>subjects affected / exposed<br>occurrences (all)                          | 0 / 12 (0.00%)<br>0 | 1 / 13 (7.69%)<br>1  |  |
| Psychiatric disorders<br>Insomnia<br>subjects affected / exposed<br>occurrences (all)            | 1 / 12 (8.33%)<br>1 | 0 / 13 (0.00%)<br>0  |  |
| Investigations<br>Neutrophil count decreased<br>subjects affected / exposed<br>occurrences (all) | 1 / 12 (8.33%)<br>1 | 2 / 13 (15.38%)<br>6 |  |
| Platelet count decreased<br>subjects affected / exposed<br>occurrences (all)                     | 1 / 12 (8.33%)<br>7 | 1 / 13 (7.69%)<br>8  |  |
| White blood cell count decreased<br>subjects affected / exposed<br>occurrences (all)             | 0 / 12 (0.00%)<br>0 | 2 / 13 (15.38%)<br>8 |  |
| Alanine aminotransferase increased<br>subjects affected / exposed<br>occurrences (all)           | 0 / 12 (0.00%)<br>0 | 1 / 13 (7.69%)<br>1  |  |
| Amylase increased<br>subjects affected / exposed<br>occurrences (all)                            | 0 / 12 (0.00%)<br>0 | 1 / 13 (7.69%)<br>1  |  |
| Aspartate aminotransferase increased<br>subjects affected / exposed<br>occurrences (all)         | 0 / 12 (0.00%)<br>0 | 1 / 13 (7.69%)<br>1  |  |
| Blood lactate dehydrogenase increased<br>subjects affected / exposed<br>occurrences (all)        | 0 / 12 (0.00%)<br>0 | 1 / 13 (7.69%)<br>1  |  |
| Blood phosphorus decreased<br>subjects affected / exposed<br>occurrences (all)                   | 0 / 12 (0.00%)<br>0 | 1 / 13 (7.69%)<br>2  |  |
| Lipase increased   |                     |                      |  |

|  |                     |                      |  |
|--|---------------------|----------------------|--|
| subjects affected / exposed<br>occurrences (all)                               | 0 / 12 (0.00%)<br>0 | 1 / 13 (7.69%)<br>1  |  |
| Lymphocyte count decreased<br>subjects affected / exposed<br>occurrences (all) | 0 / 12 (0.00%)<br>0 | 1 / 13 (7.69%)<br>6  |  |
| Weight decreased<br>subjects affected / exposed<br>occurrences (all)           | 0 / 12 (0.00%)<br>0 | 1 / 13 (7.69%)<br>1  |  |
| Injury, poisoning and procedural complications                                 |                     |                      |  |
| Contusion<br>subjects affected / exposed<br>occurrences (all)                  | 0 / 12 (0.00%)<br>0 | 1 / 13 (7.69%)<br>1  |  |
| Lumbar vertebral fracture<br>subjects affected / exposed<br>occurrences (all)  | 0 / 12 (0.00%)<br>0 | 1 / 13 (7.69%)<br>1  |  |
| Cardiac disorders  |                     |                      |  |
| Sinus tachycardia<br>subjects affected / exposed<br>occurrences (all)          | 0 / 12 (0.00%)<br>0 | 1 / 13 (7.69%)<br>1  |  |
| Nervous system disorders   |                     |                      |  |
| Dizziness<br>subjects affected / exposed<br>occurrences (all)                  | 1 / 12 (8.33%)<br>1 | 2 / 13 (15.38%)<br>2 |  |
| Paraesthesia<br>subjects affected / exposed<br>occurrences (all)               | 0 / 12 (0.00%)<br>0 | 3 / 13 (23.08%)<br>3 |  |
| Neuropathy peripheral<br>subjects affected / exposed<br>occurrences (all)      | 0 / 12 (0.00%)<br>0 | 2 / 13 (15.38%)<br>2 |  |
| Syncope<br>subjects affected / exposed<br>occurrences (all)                    | 0 / 12 (0.00%)<br>0 | 2 / 13 (15.38%)<br>3 |  |
| Dysaesthesia<br>subjects affected / exposed<br>occurrences (all)               | 0 / 12 (0.00%)<br>0 | 1 / 13 (7.69%)<br>1  |  |
| Dysgeusia  |                     |                      |  |

|   |                      |                      |  |
|---|----------------------|----------------------|--|
| subjects affected / exposed<br>occurrences (all)  | 0 / 12 (0.00%)<br>0  | 1 / 13 (7.69%)<br>1  |  |
| Dyskinesia<br>subjects affected / exposed<br>occurrences (all)                                      | 0 / 12 (0.00%)<br>0  | 1 / 13 (7.69%)<br>1  |  |
| Blood and lymphatic system disorders<br>Anaemia<br>subjects affected / exposed<br>occurrences (all) | 3 / 12 (25.00%)<br>3 | 2 / 13 (15.38%)<br>2 |  |
| Neutropenia<br>subjects affected / exposed<br>occurrences (all)                                     | 3 / 12 (25.00%)<br>9 | 1 / 13 (7.69%)<br>5  |  |
| Thrombocytopenia<br>subjects affected / exposed<br>occurrences (all)                                | 2 / 12 (16.67%)<br>2 | 0 / 13 (0.00%)<br>0  |  |
| Pancytopenia<br>subjects affected / exposed<br>occurrences (all)                                    | 0 / 12 (0.00%)<br>0  | 1 / 13 (7.69%)<br>2  |  |
| Ear and labyrinth disorders<br>Tinnitus<br>subjects affected / exposed<br>occurrences (all)         | 0 / 12 (0.00%)<br>0  | 1 / 13 (7.69%)<br>1  |  |
| Vertigo<br>subjects affected / exposed<br>occurrences (all)   | 0 / 12 (0.00%)<br>0  | 1 / 13 (7.69%)<br>1  |  |
| Eye disorders<br>Eye pain<br>subjects affected / exposed<br>occurrences (all)                       | 0 / 12 (0.00%)<br>0  | 1 / 13 (7.69%)<br>1  |  |
| Gastrointestinal disorders<br>Diarrhoea<br>subjects affected / exposed<br>occurrences (all)         | 2 / 12 (16.67%)<br>2 | 6 / 13 (46.15%)<br>9 |  |
| Nausea<br>subjects affected / exposed<br>occurrences (all)  | 3 / 12 (25.00%)<br>3 | 5 / 13 (38.46%)<br>7 |  |
| Vomiting  |                      |                      |  |

|  |                |                 |  |
|--|----------------|-----------------|--|
| subjects affected / exposed            | 1 / 12 (8.33%) | 5 / 13 (38.46%) |  |
| occurrences (all)                      | 1              | 5               |  |
| Abdominal pain                         |                |                 |  |
| subjects affected / exposed            | 0 / 12 (0.00%) | 4 / 13 (30.77%) |  |
| occurrences (all)                      | 0              | 4               |  |
| Dyspepsia                              |                |                 |  |
| subjects affected / exposed            | 1 / 12 (8.33%) | 2 / 13 (15.38%) |  |
| occurrences (all)                      | 1              | 2               |  |
| Constipation                           |                |                 |  |
| subjects affected / exposed            | 1 / 12 (8.33%) | 1 / 13 (7.69%)  |  |
| occurrences (all)                      | 1              | 1               |  |
| Stomatitis                             |                |                 |  |
| subjects affected / exposed            | 1 / 12 (8.33%) | 1 / 13 (7.69%)  |  |
| occurrences (all)                      | 1              | 1               |  |
| Abdominal distension                   |                |                 |  |
| subjects affected / exposed            | 1 / 12 (8.33%) | 0 / 13 (0.00%)  |  |
| occurrences (all)                      | 1              | 0               |  |
| Abdominal pain upper                   |                |                 |  |
| subjects affected / exposed            | 0 / 12 (0.00%) | 1 / 13 (7.69%)  |  |
| occurrences (all)                      | 0              | 1               |  |
| Gastritis                              |                |                 |  |
| subjects affected / exposed            | 1 / 12 (8.33%) | 0 / 13 (0.00%)  |  |
| occurrences (all)                      | 1              | 0               |  |
| Skin and subcutaneous tissue disorders |                |                 |  |
| Dermatitis exfoliative                 |                |                 |  |
| subjects affected / exposed            | 1 / 12 (8.33%) | 0 / 13 (0.00%)  |  |
| occurrences (all)                      | 1              | 0               |  |
| Dry skin                               |                |                 |  |
| subjects affected / exposed            | 1 / 12 (8.33%) | 0 / 13 (0.00%)  |  |
| occurrences (all)                      | 1              | 0               |  |
| Eczema                                 |                |                 |  |
| subjects affected / exposed            | 1 / 12 (8.33%) | 0 / 13 (0.00%)  |  |
| occurrences (all)                      | 1              | 0               |  |
| Generalised erythema                   |                |                 |  |
| subjects affected / exposed            | 0 / 12 (0.00%) | 1 / 13 (7.69%)  |  |
| occurrences (all)                      | 0              | 1               |  |

|   |                |                 |  |
|---|----------------|-----------------|--|
| Pruritus  |                |                 |  |
| subjects affected / exposed                     | 1 / 12 (8.33%) | 0 / 13 (0.00%)  |  |
| occurrences (all)                               | 2              | 0               |  |
| Rash  |                |                 |  |
| subjects affected / exposed                     | 1 / 12 (8.33%) | 0 / 13 (0.00%)  |  |
| occurrences (all)                               | 2              | 0               |  |
| Urticaria                                       |                |                 |  |
| subjects affected / exposed                     | 0 / 12 (0.00%) | 1 / 13 (7.69%)  |  |
| occurrences (all)                               | 0              | 1               |  |
| Renal and urinary disorders                     |                |                 |  |
| Dysuria   |                |                 |  |
| subjects affected / exposed                     | 0 / 12 (0.00%) | 2 / 13 (15.38%) |  |
| occurrences (all)                               | 0              | 2               |  |
| Urinary retention                               |                |                 |  |
| subjects affected / exposed                     | 0 / 12 (0.00%) | 1 / 13 (7.69%)  |  |
| occurrences (all)                               | 0              | 1               |  |
| Musculoskeletal and connective tissue disorders |                |                 |  |
| Back pain                                       |                |                 |  |
| subjects affected / exposed                     | 0 / 12 (0.00%) | 2 / 13 (15.38%) |  |
| occurrences (all)                               | 0              | 2               |  |
| Bone pain                                       |                |                 |  |
| subjects affected / exposed                     | 1 / 12 (8.33%) | 0 / 13 (0.00%)  |  |
| occurrences (all)                               | 1              | 0               |  |
| Groin pain                                      |                |                 |  |
| subjects affected / exposed                     | 0 / 12 (0.00%) | 1 / 13 (7.69%)  |  |
| occurrences (all)                               | 0              | 1               |  |
| Musculoskeletal pain                            |                |                 |  |
| subjects affected / exposed                     | 1 / 12 (8.33%) | 0 / 13 (0.00%)  |  |
| occurrences (all)                               | 1              | 0               |  |
| Infections and infestations                     |                |                 |  |
| Upper respiratory tract infection               |                |                 |  |
| subjects affected / exposed                     | 1 / 12 (8.33%) | 1 / 13 (7.69%)  |  |
| occurrences (all)                               | 2              | 1               |  |
| Bronchitis                                      |                |                 |  |
| subjects affected / exposed                     | 1 / 12 (8.33%) | 0 / 13 (0.00%)  |  |
| occurrences (all)                               | 1              | 0               |  |

|                                    |                |                 |  |
|------------------------------------|----------------|-----------------|--|
| Cystitis                           |                |                 |  |
| subjects affected / exposed        | 0 / 12 (0.00%) | 1 / 13 (7.69%)  |  |
| occurrences (all)                  | 0              | 1               |  |
| Oral candidiasis                   |                |                 |  |
| subjects affected / exposed        | 0 / 12 (0.00%) | 1 / 13 (7.69%)  |  |
| occurrences (all)                  | 0              | 1               |  |
| Oral fungal infection              |                |                 |  |
| subjects affected / exposed        | 0 / 12 (0.00%) | 1 / 13 (7.69%)  |  |
| occurrences (all)                  | 0              | 1               |  |
| Pneumonia viral                    |                |                 |  |
| subjects affected / exposed        | 0 / 12 (0.00%) | 1 / 13 (7.69%)  |  |
| occurrences (all)                  | 0              | 1               |  |
| Rhinovirus infection               |                |                 |  |
| subjects affected / exposed        | 0 / 12 (0.00%) | 1 / 13 (7.69%)  |  |
| occurrences (all)                  | 0              | 1               |  |
| Urinary tract infection            |                |                 |  |
| subjects affected / exposed        | 0 / 12 (0.00%) | 1 / 13 (7.69%)  |  |
| occurrences (all)                  | 0              | 1               |  |
| Metabolism and nutrition disorders |                |                 |  |
| Decreased appetite                 |                |                 |  |
| subjects affected / exposed        | 1 / 12 (8.33%) | 3 / 13 (23.08%) |  |
| occurrences (all)                  | 1              | 3               |  |
| Hypokalaemia                       |                |                 |  |
| subjects affected / exposed        | 0 / 12 (0.00%) | 4 / 13 (30.77%) |  |
| occurrences (all)                  | 0              | 9               |  |
| Hypocalcaemia                      |                |                 |  |
| subjects affected / exposed        | 0 / 12 (0.00%) | 2 / 13 (15.38%) |  |
| occurrences (all)                  | 0              | 3               |  |
| Dehydration                        |                |                 |  |
| subjects affected / exposed        | 0 / 12 (0.00%) | 1 / 13 (7.69%)  |  |
| occurrences (all)                  | 0              | 2               |  |
| Failure to thrive                  |                |                 |  |
| subjects affected / exposed        | 0 / 12 (0.00%) | 1 / 13 (7.69%)  |  |
| occurrences (all)                  | 0              | 1               |  |
| Fluid retention                    |                |                 |  |

|                             |                |                |  |
|-----------------------------|----------------|----------------|--|
| subjects affected / exposed | 0 / 12 (0.00%) | 1 / 13 (7.69%) |  |
| occurrences (all)           | 0              | 2              |  |
| Hypoalbuminaemia            |                |                |  |
| subjects affected / exposed | 0 / 12 (0.00%) | 1 / 13 (7.69%) |  |
| occurrences (all)           | 0              | 4              |  |
| Hyponatraemia               |                |                |  |
| subjects affected / exposed | 0 / 12 (0.00%) | 1 / 13 (7.69%) |  |
| occurrences (all)           | 0              | 2              |  |
| Hypophosphataemia           |                |                |  |
| subjects affected / exposed | 0 / 12 (0.00%) | 1 / 13 (7.69%) |  |
| occurrences (all)           | 0              | 3              |  |
| Vitamin D deficiency        |                |                |  |
| subjects affected / exposed | 0 / 12 (0.00%) | 1 / 13 (7.69%) |  |
| occurrences (all)           | 0              | 1              |  |



## More information

### Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

| Date             | Amendment   |
|------------------|---|
| 17 June 2015     | The protocol was updated to add the EudraCT number to the cover page.   |
| 10 November 2015 | <p>The protocol was amended for the following reasons:</p> <ul style="list-style-type: none"><li>• To provide additional detail in the study objective and endpoints.</li><li>• To exclude patients unable to give consent by removing the option for a legally acceptable representative to consent.</li><li>• Revise the entry criteria to:<ul style="list-style-type: none"><li>o Increase the required platelet count for study entry to <math>\geq 75,000/\mu\text{L}</math></li><li>o Require females of childbearing potential and males who have partners of childbearing potential to use 2 effective contraceptive methods and to specify which methods are considered effective</li><li>o Exclude subjects with major surgery less than 30 days prior to first dose of study drug, live vaccines within 1 month of first dose of study drug, current severe immunodeficiency, history of recurring or chronic infections or with underlying conditions which may further predispose patients to serious infection, or concomitant use of bleomycin.</li></ul></li><li>• Require study discontinuation in the case of pregnancy.<ul style="list-style-type: none"><li>o Require pretreatment assessment for hepatitis B.</li><li>o Require electrocardiogram assessment at each cycle.</li><li>o Require pregnancy testing (for women of childbearing potential only) at each cycle and require that pregnancy testing be by serum <math>\beta</math>-hCG</li></ul></li><li>• Clearly specify the requirement for physical examinations and require physical examination to include neurological examination at all time points where physical examination is required, including where it is required as part of the lymphoma assessment.</li><li>• To clarify that sampling for brentuximab and MMAE exposure was only required for subjects on the treatment arm (brentuximab vedotin) and to extend this sampling to all combination treatment cycles (up to Cycle 6).</li><li>• To limit ATA sampling to the treatment arm (brentuximab vedotin).</li><li>• Clarify that safety reporting is required in all regions of study conducted as required by local and international standards.</li><li>• To update the reference to the NCCN guideline for the prevention and treatment of cancer-related infections.</li></ul> |
| 19 February 2016 | <p>The protocol was amended to</p> <ul style="list-style-type: none"><li>• Clarify that the objectives of the study were to investigate the effects of study treatment both in patients with DLCL and those with follicular NHL grade 3b</li><li>• Allow a second dose reduction of bendamustine (to 50 mg/m<sup>2</sup>)</li><li>• Recommend prophylactic growth factor support and clarified that transfusions and intrathecal prophylactic treatment for cerebral/meningeal disease are permitted</li><li>• Correct an error regarding timing of posttreatment assessments: The timing of all posttreatment assessments is relative to Cycle 1 Day 1 (not the end of treatment)</li><li>• Add an additional safety assessment visit during the second week of Cycles 1 and 2</li><li>• To change the definition of PFS and OS to begin at randomization (rather than date of first treatment) and to include subsequent treatment for lymphoma (other than post-treatment consolidative radiotherapy, post-treatment chemotherapy for the purpose of mobilizing peripheral blood stem cells, and consolidative autologous or allogeneic SCT) as an event in the progression analyses to reflect current statistical planning</li><li>• Remove the requirement that biopsy samples be obtained within than 1 year before screening</li><li>• Clarify that tumor samples are only to be collected from archival samples; no tumor biopsies are required to be performed for this study</li><li>• Make minor editorial and formatting changes throughout the protocol</li></ul>   |

|              |  |
|--------------|--|
| 13 July 2016 | <p>The protocol was amended to</p> <ul style="list-style-type: none"> <li>• Reflect that Teva Pharmaceuticals is discontinuing distribution of the bendamustine hydrochloride liquid formulation TREANDA, which was being used at all US sites in this study. Investigators may continue to dispense TREANDA until its expiration date, as described in previous versions of the protocol and in the pharmacy manual. When acquiring new supplies, sites are to acquire bendamustine hydrochloride lyophilized powder.</li> <li>• Allow the assessment of CD30 for eligibility assessment to be performed either by local or central laboratory</li> <li>• Clarify that a new biopsy may be required for subjects with relapsed disease if one has not been obtained since relapse</li> <li>• To correct an inconsistency between the schedule of follow-up assessments and the text description of follow-up events</li> <li>• Make minor editorial and formatting changes throughout the protocol</li> </ul> |
|--------------|--|

Notes:

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## Interruptions (globally)

Were there any global interruptions to the trial? No

## Limitations and caveats

None reported