

# ANONYMOUS CONTACTABLE MEMBER OF THE PUBLIC v AMGEN

## Clinical trial disclosure (Nplate and Prolia)

An anonymous contactable member of the public complained about the information published as 'Clinical Trial Transparency: an assessment of the disclosure results of company-sponsored trials associated with new medicines approved recently in Europe'. The study was published in Current Medical Research & Opinion (CMRO) on 11 November 2013. The study authors were Dr B Rawal, Research, Medical and Innovation Director at the ABPI and B R Deane, a freelance consultant in pharmaceutical marketing and communications. Publication support for the study was funded by the ABPI.

The study surveyed various publicly available information sources for clinical trial registration and disclosure of results searched from 27 December 2012 to 31 January 2013. It covered 53 new medicines (except vaccines and fixed dose combinations) approved for marketing by 34 companies by the European Medicines Agency (EMA) in 2009, 2010 and 2011. It included all completed company-sponsored clinical trials conducted in patients and recorded on a clinical trial registry and/or included in a European Public Assessment Report (EPAR). The CMRO publication did not include the specific data for each product. This was available via a website link and was referred to by the complainant. The study did not aim to assess the content of disclosure against any specific requirements.

The complainant stated that the study detailed a number of companies which had not disclosed their clinical trial results in line with the ABPI for licensed products. The complainant provided a link to relevant information which included the published study plus detailed information for each product that was assessed.

The summary output for each medicine set out the sources for all trials found, irrespective of sponsor and an analysis of publication disclosure in the form of a table which gave details for the studies for Nplate (romiplostim) and Prolia (denosumab).

The detailed response from Amgen is given below.

General detailed comments from the Panel are given below.

With regard to Nplate, the Panel noted that eight evaluable Nplate trials had not been disclosed within the timeframe. The disclosure percentage was 58%. One study completed before the end of January 2012 had not been disclosed. The disclosure percentage at 31 January 2013 of trials completed by the end of January 2012 was 95%. A footnote stated that the undisclosed trial reflected a terminated study with primary results analysis carried out in July 2012.

The Panel noted that Nplate was first approved and commercially available on 25 August 2008.

The Panel noted that Amgen submitted data to show that five trials with UK involvement completed in May 2008, August 2008, July 2009, December 2011 and one was ongoing. The results of two trials which completed before Nplate was first approved and commercially available did not need to be disclosed under the Code as the product was available prior to the requirement in the 2008 Code. The matter was not covered by the 2006 Code as such and there could be no breach of it. Thus the Panel ruled no breach of the 2006 Code including Clause 2.

The two trials which completed after Nplate was first approved and commercially available completed in July 2009 and December 2011. These needed to be disclosed by July 2010 and December 2012 respectively. Amgen submitted that these were disclosed in October 2010 and December 2012 on clinicaltrial.gov. The Panel ruled no breach of the 2011 Code including Clause 2 in relation to the second trial. The Panel ruled a breach of the 2008 Code in relation to the first trial which completed in July 2009 and the results were not disclosed until October 2010. The delay in disclosure meant that high standards had not been maintained and a breach was ruled. The results had been disclosed and the Panel considered that there was no breach of Clause 2 and ruled accordingly.

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referred to by the complainant. The study did not aim to assess the content of disclosure against any specific requirements.

## COMPLAINT

The complainant stated that the study detailed a number of companies which had not disclosed their clinical trial results in line with the ABPI for licensed products. The complainant provided a link

to relevant information which included the published study plus detailed information for each product that was assessed.

The summary output for each medicine set out the sources for all trials found, irrespective of sponsor and an analysis of publication disclosure in the form of a table which gave details for the studies for each product. The data for Nplate (romiplostim) and Prolia (denosumab) were as follows:

### Nplate

Total by phase	Total	Unevaluable	Evaluable	Disclosed in timeframe	Disclosure percentage	Complete before end January 2012	Disclosed at all	Disclosure percentage at 31 January 2013
Phase I & II	10	0	10	5	50%	10	9	90%
Phase III	9	1	8	6	75%	9	9	100%
Other	1	0	1	0	0%	1	1	100%
<b>TOTAL</b>	<b>20</b>	<b>1</b>	<b>19</b>	<b>11</b>	<b>58%</b>	<b>20</b>	<b>19</b>	<b>95%</b>

### Prolia

Total by phase	Total	Unevaluable	Evaluable	Disclosed in timeframe	Disclosure percentage	Complete before end January 2012	Disclosed at all	Disclosure percentage at 31 January 2013
Phase I & II	10	0	10	9	90%	10	10	100%
Phase III	18	2	16	15	94%	16	16	100%
<b>TOTAL</b>	<b>28</b>	<b>2</b>	<b>26</b>	<b>24</b>	<b>92%</b>	<b>26</b>	<b>26</b>	<b>100%</b>

The explanation of terms given in the documentation was as follows:

total	total number of trials identified which were completed and/or with results disclosed
unevaluable	trials within the total which could not be evaluated (due to either trial completion date or publication date being missing or unclear) – excluded from the analysis
evaluative	trials with all criteria present including dates, and hence the base which could be evaluated for the assessment
results disclosed in timeframe	evaluative trials which fully complied with publication requirements, ie summary results disclosed (in registry or journal) within 12 months of either first regulatory approval date or trial completion date, whichever was later
disclosure percentage	proportion of evaluative trials which were fully disclosed

completed before end of January 2012	number of studies completed before end January 2012 (or already disclosed)
results disclosed at all	number of trials with any publication of results at any time
disclosure percentage at 31 January 2013	proportion of trials completed by end January 2012 which were now disclosed

The complainant listed the companies he/she would like to complain about and this included Amgen.

The complainant alleged that all of the companies listed had breached Clauses 2, 9 and 21 of the Code.

When writing to Amgen, the Authority drew attention to Clauses 1.8 and 21.3 of the Second 2012 Edition of the Code and noted that previous versions of the Code might also be relevant.

## RESPONSE

Amgen addressed each clause in turn.

### Clause 1.8

Amgen stated that the CMRO publication reflected research conducted between December 2012 and 31

January 2013 by the ABPI to show the baseline rate of disclosure of clinical trial results – which at 89% at survey close was good - and to provide a benchmark to better understand the current landscape. As the authors noted a disclosure rate of 100% was not expected given the range of years over which trials that were included in the assessment were conducted (some more than 10 years ago and therefore pre-dating key disclosure requirements) and the broad scope of study types included. The survey was not designed to assess compliance with the Code and following publication of the survey Amgen was not contacted by the PMCPA (other than in connection with this anonymous complaint) to suggest, based on the survey results, that it was in breach of the Code.

Amgen submitted that the substantive provisions of the Code did not address the application of the clinical trial disclosure requirements in Clause 21.3 in circumstances where the clinical trial was a foreign clinical trial. It was clear from Clause 1.1 and its supplementary information that the Code governed activities in the UK and activities directed toward UK health professionals. If an activity involved several European countries, the supplementary information to Clause 1.8 required that the national code of the country where the activity took place applied as well as the national code of the country where the company performing the activities resided (if the company was outside Europe it must comply with the EFPIA Code). It followed that the Code did not apply to activities with no UK nexus. The Nplate and Prolia trials identified as having no UK participation were conducted in countries other than the UK. There was no UK site, investigator, health professional or patient participation and as such these trials fell outside the scope of the Code.

### **Clause 21.3**

Amgen submitted that the CMRO publication did not concern companies' scientific services and although the complainant referred generally to Clause 21, the complaint only related to Clause 21.3.

The supporting information for the CMRO publication referred to eight Nplate trials and two Prolia trials that did not, according to the authors, meet the definition of appropriate publication requirements (defined in the CMRO publication as summary results disclosed (in registry or journal) within 12 months of either first regulatory approval or trial completion, whichever was later). In addition to the above trials, a further Nplate trial and two Prolia trials were considered by the researchers as unevaluable because either the trial completion date or the publication date was unclear. These trials were excluded from the analysis but Amgen included them in its response.

### **Nplate trials**

Amgen submitted that four out of the nine alleged non-disclosed/unevaluable Nplate trials had no UK investigator, site, patient or health professional participation and accordingly fell outside the scope of the Code (as set out above). The remaining five trials had UK sites and Amgen had therefore assessed each of these trials against the version of

Clause 21.3 that was in force at the relevant time.

The five trials were initiated between February 2006 and July 2008, four were completed between May 2008 and December 2011 and one was ongoing. Clinical trial disclosure requirements were first introduced in the 2008 version of the Code and compliance was required as from the 1 November 2008 ie the date upon which the transitional period for the 2008 Code ended. Accordingly, each of the five trials was initiated and two were completed before any disclosure requirements came into force. The other two completed trials ended in July 2009 and December 2011 when the Clause 21.3 requirements under the 2008 and 2011 versions of the Code were in force respectively. The disclosure provisions contained in Clause 21.3 of each of these two versions of the Code were identical as was the accompanying supplementary information (save for the reference to the dates of the Joint Position on Disclosure of Clinical Trial Information via Clinical Trial Registries and Databases). In these versions of the Code, Clause 21.3 simply required companies to: 'disclose details of clinical trials'. The supplementary information stated that further information was to be found in the Registries and Databases Joint Position. Unlike the current version of the Code (Second 2012 Edition), there was no mandatory requirement to disclose clinical trial results in accordance with the Joint Position. The results for the two trials that completed after 1 November 2008 but before the entry into force of the current Code had been disclosed and notwithstanding that there was no mandatory timetable for results posting or publication applicable to these trials, the results were disclosed in accordance with the Registries and Databases Joint Position or the Joint Position on the Publication of Clinical Trial Results in the Scientific Literature.

### **Prolia trials**

Amgen submitted that the four alleged non-disclosed/unevaluable Prolia trials, two, were categorized in the CMRO publication as non-evaluatable. Amgen did not sponsor one of the non-evaluatable Prolia trials and whilst it sponsored the other, the trial was on an alternative formulation of denosumab, not Prolia. Accordingly, neither of the non-evaluatable trials fell within scope of this response.

The remaining two Prolia trials had no UK investigator, site, patient or health professional participation. Amgen submitted that they fell outside the scope of the Code.

In summary, based on the above, Amgen submitted that it had met the relevant Code disclosure requirements for both the Nplate and Prolia clinical trials that were the subject of the complaint and accordingly there had been no breach of Clause 21.3.

### **Clauses 9 and 2**

Amgen assumed that the complainant's concern related to Clause 9.1. In meeting, and in some cases exceeding, the relevant disclosure requirements for Nplate and Prolia under Clause 23.1, Amgen submitted that it had maintained the high standards

required under the Code in compliance with Clause 9.1.

Amgen submitted that having more than complied with disclosure requirements under Clause 23.1 for both products, it had not breached the Code and certainly not committed a serious breach which would warrant a finding under Clause 2.

In response to a request for additional information Amgen stated that Nplate and Prolia were first approved and commercially available on 25 August 2008 and 1 June 2010 respectively.

#### **GENERAL COMMENTS FROM THE PANEL**

The Panel noted the ABPI involvement in the study. However, a complaint had been received and it needed to be considered in the usual way in line with the PMCPA Constitution and Procedure. The Panel noted that all the cases would be considered under the Constitution and Procedure in the Second 2012 Edition as this was in operation when the complaint was received. The addendum (1 July 2013 which came into effect on 1 November 2013) to this Code only related to Clause 16 and was not relevant to the consideration of these cases.

The Panel noted that the study concluded that the results of over three quarters of all company-sponsored clinical trials were disclosed within a year of completion or regulatory approval and almost 90% were disclosed by 31 January 2013 which suggested transparency was now better than had sometimes been reported previously.

The Panel considered that the first issue to be determined was whether the matter was covered by the ABPI Code. If the research was conducted on behalf of a UK pharmaceutical company (whether directly or via a third party) then it would be covered by the ABPI Code. If a study was run by a non UK company but had UK involvement such as centres, investigators, patients etc it was likely that the Code would apply. The Panel appreciated the global nature of much pharmaceutical company sponsored clinical research and a company located in the UK might not be involved in research that came within the ABPI Code. It was a well established principle that UK pharmaceutical companies were responsible for the activities of overseas affiliates if such activities related to UK health professionals or were carried out in the UK.

Clause 21.3 of the Second 2012 Edition of the Code stated that companies must disclose details of clinical trials in accordance with the Joint Position on the Disclosure of Clinical Trial Information via Clinical Trial Registries and Databases and the Joint Position on the Publication of Clinical Trial Results in the Scientific Literature.

The relevant supplementary information stated that this clause required the provision of details about ongoing clinical trials (which must be registered within 21 days of initiation of patients enrolment) and completed trials for medicines licensed for use

in at least one country. Further information was to be found in the Joint Position on the Disclosure of Clinical Trial Information via Clinical Trial Registries and Databases 2009 and the Joint Position on the Publication of Clinical Trial Results in the Scientific Literature 2010, both at <http://clinicaltrials.ifpma.org>.

The Panel noted that the first Joint Position on the Disclosure of Clinical Trial Information via Clinical Trial Registries and Databases was agreed in 2005 by the International Federation of Pharmaceutical Manufacturers and Associations (IFPMA), the European Federation of Pharmaceutical Industries and Associations (EFPIA), the Japanese Pharmaceutical Manufacturers Association (JPMA) and the Pharmaceutical Research and Manufacturers of America (PhRMA). The announcement was dated 6 January 2005.

The Panel noted that Article 9, Clinical Research and Transparency, of the most recent update of the IFPMA Code of Practice (which came into operation on 1 September 2012) included a statement that companies disclose clinical trial information as set out in the Joint Position on the Disclosure of Clinical Trial Information via Clinical Trial Registries and Databases (2009) and the Joint Position on the Publication of Clinical Trial Results in the Scientific Literature (2010). As companies had, in effect, agreed the joint positions their inclusion in the IFPMA Code should not have made a difference in practice to IFPMA member companies but meant that IFPMA member associations had to amend their codes to reflect Article 9. The Second 2012 Edition of the ABPI Code fully reflected the requirements of the IFPMA Code. The changes introduced in the ABPI Code were to update the date of the Joint Position on the Disclosure of Clinical Trial Information and to include the new requirement to disclose in accordance with the Joint Position on the Publication of Clinical Trial Results. Pharmaceutical companies that were members of national associations but not of IFPMA would have additional disclosure obligations once the national association amended its code to meet IFPMA requirements. The disclosures set out in the joint positions were not required by the EFPIA Codes.

The Panel noted that even if the UK Code did not apply many of the companies listed by the complainant were members of IFPMA and/or EFPIA.

The Panel considered that it was good practice for clinical trial results to be disclosed for medicines which were first approved and commercially available after 6 January 2005 (the date of the first joint position). This was not necessarily a requirement of the ABPI Codes from that date as set out below.

As far as the ABPI Code was concerned, the Panel noted that the first relevant mention of the Joint Position on the Disclosure of Clinical Trial Information via Clinical Trial Registries and Databases 2005 was in the supplementary information to Clause 7.5 of the 2006 Code:

### **'Clause 7.5 Data from Clinical Trials**

*Companies must provide substantiation following a request for it, as set out in Clause 7.5. In addition, when data from clinical trials is used companies must ensure that where necessary that data has been registered in accordance with the Joint Position on the Disclosure of Clinical Trial Information via Clinical Trial Registries and Databases 2005.'*

Clause 7.5 of the 2006 Code required that substantiation be provided at the request of health professionals or appropriate administrative staff. Substantiation of the validity of indications approved in the marketing authorization was not required. The Panel considered this was not relevant to the complaint being considered which was about disclosure of clinical trial results. The Joint Position 2005 was mentioned in the supplementary information to Clause 21.5 but this did not relate to any Code requirement to disclose clinical trial results.

In the 2008 ABPI Code (which superceded the 2006 Code and came into operation on 1 July 2008 with a transition period until 31 October 2008 for newly introduced requirements), Clause 21 referred to scientific services and Clause 21.3 stated:

*'Companies must disclose details of clinical trials.'*

The relevant supplementary information stated:

### **'Clause 21.3 Details of Clinical Trials**

*This clause requires the provision of details about ongoing clinical trials (which must be registered within 21 days of initiation of patients enrolment) and completed trials for medicines licensed for use in at least one country. Further information can be found in the Joint Position on the Disclosure of Clinical Trial Information via Clinical Trial Registries and Databases 2005 (<http://clinicaltrials.ifpma.org>).*

*Details about clinical trials must be limited to factual and non-promotional information. Such information must not constitute promotion to health professionals, appropriate administrative staff or the public.'*

In the 2011 Code (which superceded the 2008 Code and came into operation on 1 January 2011 with a transition period until 30 April 2011 for newly introduced requirements), the supplementary information to Clause 21.3 was updated to refer to the 2008 IFPMA Joint Position.

In the Second 2012 Edition (which came into operation on 1 July 2012 with a transition period until 31 October 2012 for newly introduced requirements), changes were made to update the references to the joint position and to include the Joint Position on the Publication of Clinical Trial Results in the Scientific Literature. Clause 21.3 now stated:

*'Companies must disclose details of clinical trials in accordance with the Joint Position on the Disclosure of Clinical Trial Information via Clinical Trial Registries and Databases and the Joint Position on the Publication of Clinical Trial Results in the Scientific Literature.'*

The relevant supplementary information stated:

### **'Clause 21.3 Details of Clinical Trials**

*This clause requires the provision of details about ongoing clinical trials (which must be registered within 21 days of initiation of patients enrolment) and completed trials for medicines licensed for use in at least one country. Further information can be found in the Joint Position on the Disclosure of Clinical Trial Information via Clinical Trial Registries and Databases 2009 and the Joint Position on the Publication of Clinical Trial Results in the Scientific Literature 2010, both at <http://clinicaltrials.ifpma.org>.*

*Details about clinical trials must be limited to factual and non-promotional information. Such information must not constitute promotion to health professionals, appropriate administrative staff or the public.'*

The Panel noted that in the 2014 ABPI Code the disclosure requirements which had previously been stated in Clause 21 had been moved to Clause 13. In addition, the supplementary information stated that companies must include on their website information as to where details of their clinical trials could be found. The 2014 Code would come into effect on 1 May 2014 for newly introduced requirements following a transition period from 1 January 2014 until 30 April 2014.

The Panel examined the Joint Position on the Disclosure of Clinical Trial Information which was updated on 10 November 2009 and superseded the Joint Position 2008. With regard to clinical trial registries the document stated that all trials involving human subjects for Phase I and beyond at a minimum should be listed. The details should be posted no later than 21 days after the initiation of enrolment. The details should be posted on a free publicly accessible internet-based registry. Examples were given. Each trial should be given a unique identifier to assist in tracking. The Joint Position 2009 provided a list of information that should be provided and referred to the minimum Trial Registration Data Set published by the World Health Organisation (WHO). The Joint Position 2009 referred to possible competitive sensitivity in relation to certain data elements and that, in exceptional circumstances, this could delay disclosure at the latest until after the medicinal product was first approved in any country for the indication being studied. Examples were given.

The Panel noted that the complaint related to the disclosure of clinical trial results.

With regard to the disclosure of clinical trial results the Joint Position 2009 stated that the results for a medicine that had been approved for marketing and

was commercially available in at least one country should be publicly disclosed. The results should be posted no later than one year after the medicine was first approved and commercially available. The results for trials completed after approval should be posted one year after trial completion – an adjustment to this schedule was possible to comply with national laws or regulations or to avoid compromising publication in a peer-reviewed medical journal.

The Joint Position 2009 included a section on implementation dates and the need for companies to establish a verification process.

The Joint Position 2005 stated that the results should be disclosed of all clinical trials other than exploratory trials conducted on a medicine that was approved for marketing and was commercially available in at least one country. The results generally should be posted within one year after the medicine was first approved and commercially available unless such posting would compromise publication in a peer-reviewed medical journal or contravene national laws or regulations. The Joint Position 2008 was dated 18 November 2008 and stated that it superseded the Joint Position 2005 (6 January and 5 September). The Joint Position 2008 stated that results should be posted no later than one year after the product was first approved and commercially available in any country. For trials completed after initial approval these results should be posted no later than one year after trial completion. These schedules would be subject to adjustment to comply with national laws or regulations or to avoid compromising publication in a peer reviewed medical journal.

The Joint Position on the Publication of Clinical Trial Results in the Scientific Literature was announced on 10 June 2010. It stated that all industry sponsored clinical trials should be considered for publication and at a minimum results from all Phase III clinical trials and any clinical trials results of significant medical importance should be submitted for publication. The results of completed trials should be submitted for publication wherever possible within 12 months and no later than 18 months of the completion of clinical trials for already marketed medicines and in the case of investigational medicines the regulatory approval of the new medicine or the decision to discontinue development.

Having examined the various codes and joint positions, the Panel noted that the Joint Position 2005 excluded any clinical trials completed before 6 January 2005. The position changed on 18 November 2008 as the Joint Position 2008 did not have any exclusion relating solely to the date the trial completed. The Joint Position 2009 was similar to the Joint Position 2008 in this regard.

The Panel noted that deciding which Code applied, and thus which joint position, was complicated. It noted that the 2011 Code which, taking account the transition period, came into operation on 1 May 2011 was the first edition of the Code to refer to the Joint Position 2008.

The Panel concluded that from 1 November 2008, (allowing for the transition period) until 30 April 2011 under the 2008 Code companies were required to follow the Joint Position 2005. From 1 May 2011 until 31 October 2012 under the 2012 Code companies were required to follow the Joint Position 2008. Since 1 November 2012 companies were required to follow the Joint Position 2009. The Panel considered that since the 2008 Code companies were, in effect, required to comply with the Joint Position cited in the relevant supplementary information. The relevant supplementary information gave details of what was meant by Clause 21.3 (Clause 13.1 in the 2014 Code). The Panel accepted that the position was clearer in the Second 2012 Edition of the Code. The Panel noted that the 2011 Code should have been updated to refer to the Joint Position 2009.

For medicines first licensed and commercially available in any country from 1 November 2008 until 30 April 2011 the results of clinical trials completed before 6 January 2005 would not have to be posted.

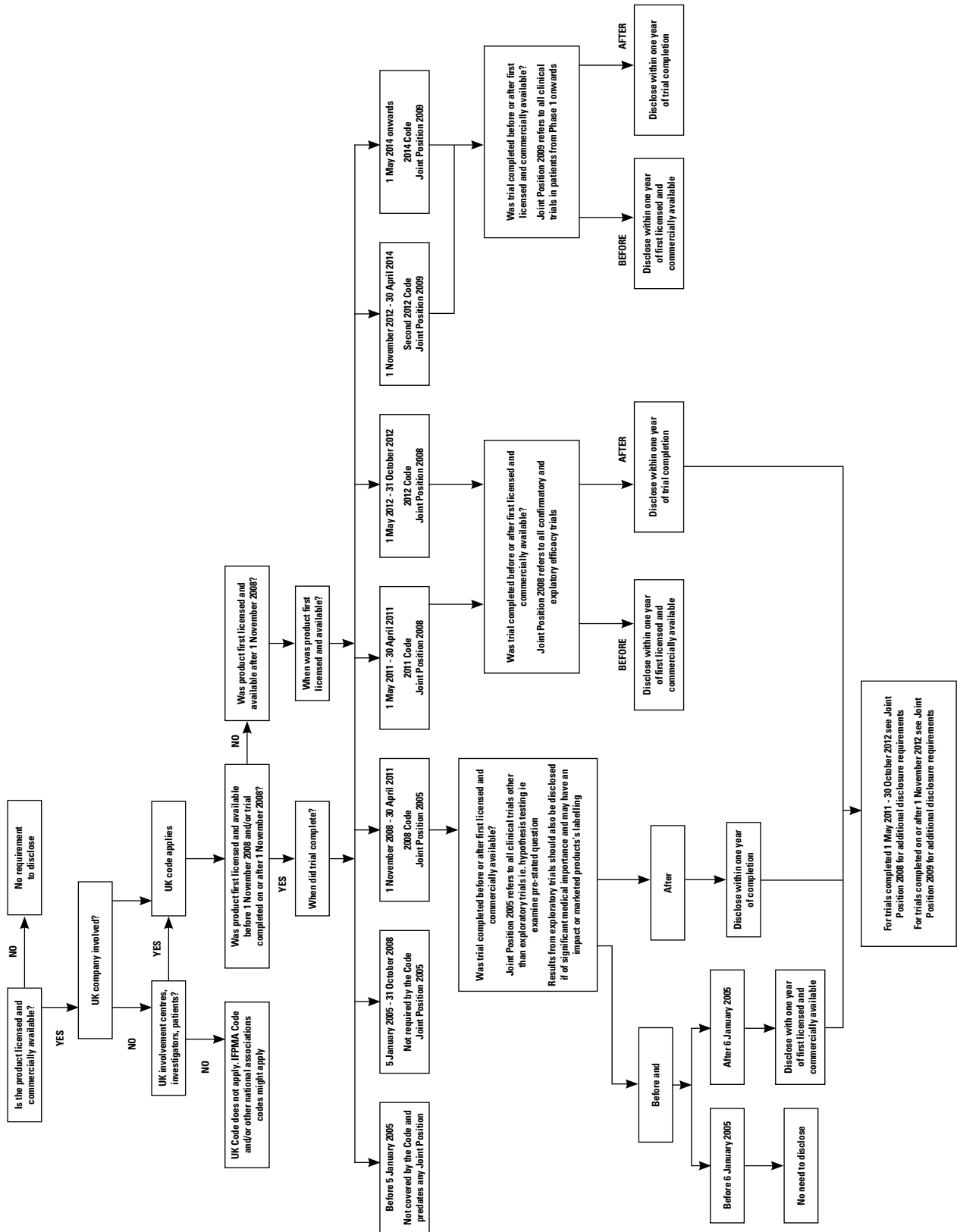
From 1 May 2011 there was no exclusion of trials based solely on completion date and so for a product first licensed and commercially available anywhere in the world after 1 May 2011 the applicable joint positions required relevant clinical trial results to be posted within a year of the product being first approved and commercially available or within a year of trial completion for trials completed after the medicine was first available.

Noting that the complaint concerned licensed products the Panel considered that the trigger for disclosure was the date the product was first approved and commercially available anywhere in the world. This would determine which version of the Code (and joint position) applied for trials completed prior to first approval. The next consideration was whether the trial completed before or after this date. For trials completing after the date of first approval, the completion date of the trial would determine which Code applied. The Panel considered that the joint positions encouraged disclosure as soon as possible and by no later than 1 year after first availability or trial completion as explained above. The Panel thus considered that its approach was a fair one. In this regard, it noted that the complaint was about whether or not trial results had been disclosed, all the joint positions referred to disclosure within a one year timeframe and companies needed time to prepare for disclosure of results. The Panel considered that the position concerning unlicensed indications or presentations of otherwise licensed medicines etc would have to be considered on a case by case basis bearing in mind the requirements of the relevant joint position and the legitimate need for companies to protect intellectual property rights. The Panel followed the decision tree set out below which it considered set out all the relevant possibilities.

During its development of the decision tree, the Panel sought advice from Paul Woods, BPharm MA (Medical Ethics and Law) of Paul Woods Compliance Ltd who provided an opinion. Mr Woods was not provided with details of the complaint or any of the

# Decision Tree

Developed by the Panel when considering the complaint about the disclosure of clinical trial results



responses. The advice sought was only in relation to the codes and joint positions.

The Panel considered the complaint could be read in two ways: firstly that the companies listed had not disclosed the data referred to in the CMRO publication relating to the products named or secondly, more broadly, that the companies had not disclosed the clinical trial data for the product named ie there could be studies in addition to those looked at in the CMRO publication. The Panel decided that it would consider these cases in relation to the studies covered by the CMRO publication and not on the broader interpretation. Companies would be well advised to ensure that all the clinical trial results were disclosed as required by the Codes and joint positions. The Panel considered that there was no complaint about whether the results disclosed met the requirements of the joint positions so this was not considered. In the Panel's view the complaint was only about whether or not study results had been disclosed and the timeframe for such disclosure.

The CMRO publication stated that as far as the IFPMA Joint Position was concerned implementation had been somewhat variable in terms of completeness and timing. The Panel noted that a number of studies were referred to in the CMRO publication as 'unevaluable' and these were not specifically mentioned by the complainant. The CMRO publication focussed on the disclosure of evaluable trial results and the Panel only considered those evaluable trials.

The Panel noted that its consideration of these cases relied upon the information provided by the respondent companies. The CMRO publication did not identify the studies evaluated; it only provided quantitative data. The Panel noted that the study ran from 27 December 2012 to 31 January 2013 and was published in November 2013. The Panel considered that companies that might not have been in line with various disclosure requirements had had a significant period of time after the study completed and prior to the current complaint being received to have disclosed any missing information. It appeared that the authors of the CMRO publication had contacted various companies for additional information.

The Panel noted that the case preparation manager raised Clause 1.8 of the Second 2012 Edition with the companies. The supplementary information to Clause 1.8, *Applicability of Codes, inter alia*, referred to the situation when activities involved more than one country or where a pharmaceutical company based in one country was involved in activities in another country. The complainant had not cited Clause 1.8. The Panel noted that any company in breach of any applicable codes, laws or regulations would *defacto* also be in breach of Clause 1.8 of the Code; the converse was true. The Panel thus decided that as far as this complaint was concerned, any consideration of a breach or otherwise of Clause 1.8 was covered by other rulings and it decided, therefore, not to make any ruling regarding this clause (or its equivalent in earlier versions of the Code).

## PANEL RULING IN CASE AUTH/2667/11/13

The Panel noted that eight evaluable Nplate trials had not been disclosed within the timeframe. The disclosure percentage was 58%. One study completed before the end of January 2012 had not been disclosed. The disclosure percentage at 31 January 2013 of trials completed by the end of January 2012 was 95%. A footnote stated that the undisclosed trial reflected a terminated study with primary results analysis carried out in July 2012.

### Nplate

The Panel noted Amgen submitted details of nine trials which were cited in the CMRO publication as either non-compliant or non-evaluable. It appeared from the information provided by Amgen that study NCT00614523 which was referred to as having an incorrect completion date in clinicaltrials.gov at that time was the non-evaluable trial. The error had been corrected.

The Panel noted that Nplate was first approved and commercially available on 25 August 2008.

The Panel noted that four of the non-disclosed trials had no UK involvement. The Panel considered that, as there had been no UK involvement, the matter did not come within the scope of the Code and therefore ruled no breach.

The Panel noted that Amgen submitted data to show that the remaining five trials completed in May 2008, August 2008, July 2009, December 2011 and one was ongoing. The two trials which completed before Nplate was first approved and commercially available did not need to be disclosed under the Code as the product was available prior to the requirement in the 2008 Code. The matter was not covered by the 2006 Code as such and there could be no breach of it. Thus the Panel ruled no breach of Clauses 9.1 and 2 of the 2006 Code.

The trials which completed after Nplate was first approved and commercially available completed in July 2009 (NCT00415532) and December 2011 (NCT00472290). These needed to be disclosed by July 2010 and December 2012 respectively. Amgen submitted that these were disclosed in October 2010 and December 2012 on clinicaltrial.gov.

The Panel ruled no breach of Clauses 21.3 and consequently no breach of Clauses 9.1 and 2 of the 2011 Code in relation to NCT00472290. Trial NCT00415532 completed in July 2009 and was not disclosed until October 2010. The Panel did not accept Amgen's submission regarding the timeline for publication. The joint positions were clear regarding the disclosure timeframe with flexibility to avoid compromising publication in a peer review journal. On the information supplied by Amgen this was not relevant. The results were first published on clinicaltrials.gov which, in the Panel's view, was not a peer review journal as meant by the joint positions. The Panel ruled a breach of Clause 21.3 of the 2008 Code.

The delay in disclosure meant that high standards



had not been maintained and a breach of Clause 9.1 was ruled. The results had been disclosed and the Panel considered that there was no breach of Clause 2 and ruled accordingly.

The results of ongoing trials did not need to be disclosed. The Panel noted that the non-evaluable trial, NCT00614523, was ongoing. In addition the Panel considered that this non-evaluable trial was not within the scope of the complaint. The CMRO publication disclosure data were in relation to evaluable trials. The Panel therefore decided it did not need to make any ruling regarding this trial.

**Prolia**

The Panel noted that two evaluable Prolia trials had not been disclosed within the timeframe. The disclosure percentage was 92%. The Panel noted the submission from Amgen that the two studies had no UK involvement and the study results had been disclosed. The disclosure percentage at 31 January 2013 of trials completed by the end of January 2012 was 100%. The Panel considered, as there was no UK involvement, the matter did not come within the scope of the UK Code and therefore ruled no breach.

**Complaint received            21 November 2013**

**Case completed                24 March 2014**