

**IN THE UNITED STATES DISTRICT COURT  
FOR THE SOUTHERN DISTRICT OF WEST VIRGINIA**

**CHARLESTON DIVISION**

IN RE: BOSTON SCIENTIFIC CORP.,  
PELVIC REPAIR SYSTEM  
PRODUCTS LIABILITY LITIGATION

MDL No. 2326

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THIS DOCUMENT RELATES TO ALL CASES

**PRETRIAL ORDER # 13  
(Stipulation for the Production of Documents  
and Electronically Stored Information)**

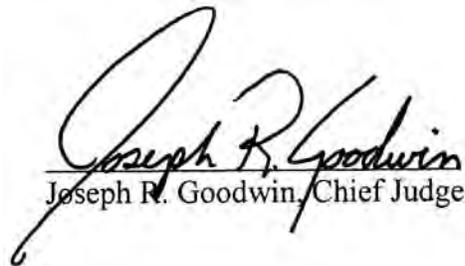
In order to meet their responsibilities under the Federal Rules of Civil Procedure relative to production of electronically stored information, and to address the method of production of physically stored information, the plaintiffs and Boston Scientific Corporation (“Boston Scientific”) have stipulated to and petitioned the court to enter the following Stipulation for the Production of Documents and Electronically Stored Information in this matter, attached as Exhibit A.

It is **ORDERED** that the Stipulation attached as Exhibit A applies to plaintiffs and Boston Scientific in all actions that are or become a part of MDL 2326, until further order of the court.

The court **DIRECTS** the Clerk to file a copy of this order in 2-12-md-2326, and it shall apply to each member related case previously transferred to, removed to, or filed in this district, which includes counsel in all member cases up to and including civil action number 2-12-cv-04865. In cases subsequently filed in this district, a copy of the most recent pretrial order

will be provided by the Clerk to counsel appearing in each new action at the time of filing of the complaint. In cases subsequently removed or transferred to this court, a copy of the most recent pretrial order will be provided by the Clerk to counsel appearing in each new action upon removal or transfer. It shall be the responsibility of the parties to review and abide by all pretrial orders previously entered by the court. The orders may be accessed through the CM/ECF system or the court's website at [www.wvsc.uscourts.gov](http://www.wvsc.uscourts.gov).

ENTER: August 30, 2012



Joseph R. Goodwin  
Joseph R. Goodwin, Chief Judge

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**EXHIBIT A**

**STIPULATION FOR THE PRODUCTION OF DOCUMENTS AND  
ELECTRONICALLY STORED INFORMATION**

**I. GENERAL PROVISIONS**

The parties will prepare their discovery disclosure and production documents in accordance with the agreed-upon specifications set forth below:

**A. Prior Productions.** If there are instances where a party is asked to produce physically-stored information or electronically-stored information that was previously produced in another case, proceeding or government investigation, the producing party should make best efforts to comply with this Stipulation. If for some reason the producing party believes compliance with this Stipulation is too burdensome for the instances of previously produced documents, the parties will meet to arrive at a mutually acceptable format that provides the receiving party with a production that can be reasonably accessed and used by the receiving party.

**B. Privilege Log.** The parties shall provide privilege logs in accordance with Fed.

R. Civ. P. 26(b)(5).

## **II. PRODUCTION OF PHYSICALLY STORED INFORMATION**

**A. TIFFs.** Each hardcopy document shall be scanned as single page, Group IV compression TIFF images using a print setting of at least 300 dots per inch (DPI). Each image shall have a unique file name, which is the Bates number of the first page of the document. To the extent technically available through the use of purely automated methods, and provided that no extra costs be incurred, original document orientation shall be maintained (*i.e.*, portrait to portrait and landscape to landscape). Each document shall be produced intact (single documents shall not be split into multiple records).

**B. Metadata Fields.** For each hardcopy document, the following information shall be produced and provided in the data load file at the same time that the TIFF images and the Optical Character Recognition (OCR) acquired text files are produced. Each metadata field shall be labeled as listed below:

- (a) Beginning Production Number (ProdBeg),
- (b) Ending Production Number (ProdEnd),
- (c) Beginning Attachment Production Number (BegAttach),
- (d) End Attachment Production Number (EndAttach),
- (e) Custodian\_Source,
- (f) Confidentiality, and
- (g) Document Type.

**C. OCR Acquired Text Files.** For each hardcopy document, a single text file containing the OCR acquired text shall be provided along with the image file and metadata. The text file

name shall be the same as the image file name to which it corresponds.

**D. Database Load Files/Cross-Reference Files.** Documents shall be provided with (a) a delimited metadata file (.dat or .txt) and (b) an image load file (.lfp or .opt), as detailed in Appendix 1.

**E. Bates Numbering.** All images must be assigned a Bates number that shall always: (1) be unique across the entire document production, (2) maintain a constant length (zero/0-padded) across the entire production, (3) contain no special characters or embedded spaces, and (4) be sequential within a given document. If a Bates number or set of Bates numbers is skipped in a production, the producing party will so note in a cover letter accompanying the production.

**F. Attachments – Parent-Child Relationships.**

For each hard copy document, the Parent-child relationships (the association between an attachment and its parent document) shall be preserved. When attachments and embedded files are combined with their parent documents, the BegAttach and EndAttach fields, listing the unique beginning and ending number for each attachment or embedded document, must be included in the data load file.

**G. Unitizing of Documents.** Distinct documents shall not be merged into a single record, and single documents shall not be split into multiple records (*i.e.*, paper documents should be logically unitized). In the case of an organized compilation of separate documents – for example, a binder containing several separate documents behind numbered tabs – the document behind each tab should be scanned separately, but the relationship among the documents in the binder should be reflected in proper coding of the BegAttach and EndAttach fields. The parties will make their best efforts to unitize documents correctly.

### **III. PRODUCTION OF ELECTRONICALLY STORED INFORMATION**

**A. Culling.** The parties shall meet and confer to discuss the following in an effort to reduce the number of documents to be reviewed during the discovery process: search term culling, file type culling, de-duplication of documents, and date restrictions. In the event of a dispute regarding the search methodology or technology, the parties shall meet and confer to discuss any methodology or technologies being employed to conduct searches for and production of ESI.

**B. System Files.** Common systems and program files need not be processed, reviewed or produced. To the extent collected, the producing party shall keep an inventory of the system files not being produced and the criteria (*e.g.*, non-human readable file, etc.) for not processing the files. In the event of a dispute regarding such matter, the parties shall meet and confer to discuss disclosure of inventory of non-produced files and criteria for non-processing of same.

**C. Email.** Email shall be collected from the producing party's email store (*e.g.*, Microsoft Exchange, Lotus Notes, etc.). Metadata and header fields shall be extracted from email messages. Email messages shall be extracted from the email store.

**D. De-duplication.** Removal of duplicate documents shall only be done on exact duplicate documents (based on MD5 or SHA-1 hash values at the document level) and may be done across custodians and sources. Near-duplicate documents shall be produced rather than removed. The custodian associated with the first copy of a document processed will be considered the "pivot" custodian for that document (the custodian who will be used as the basis for determining which other collected documents are duplicates). After each production, the producing party shall produce an "other sources" listing of all other custodians or sources who or which possessed each duplicate document. In addition, after

each production, the producing party will produce a de-duplication log that contains the Bates number of the produced version of each de-duplicated document (for lookup purposes), the de-duplicated custodian or source, and the SourceFilePath metadata field for non-email, e-documents and the "Folder" metadata field for emails.

**E. Metadata Fields and Processing.** Each of the metadata and coding fields set forth in Appendix 2 that can be extracted from a document shall be produced for that document. The parties are not obligated to populate manually any of the fields in Appendix 2 if such fields cannot be extracted from a document. The custodian shall be identified for all documents produced.

**F. Native File Productions.** To the extent that this Stipulation indicates that electronically stored information is to be produced in its native format, the parties will reserve specific Bates ranges for documents produced in native format. Any native files that are produced shall be produced with the Source File Path provided, as well as all extracted text and applicable metadata fields set forth in Appendix 2. To the extent that the receiving party requests any custom slip sheets to accompany native files that are produced, the receiving party shall pay for the programming charges for developing those custom slip sheets.

**G. TIFFs.** Single page Group IV TIFF images shall be provided using at least 300 DPI print setting. Each image shall have a unique file name, which is the Bates number of the document. Boston Scientific will make reasonable efforts to produce these TIFF image files consistent with the appearance of the documents as kept in the ordinary course of business.

**H. Microsoft “Auto” Feature.** Microsoft Word (.doc) Microsoft Excel (.xls) and Microsoft PowerPoint (.ppt) documents should be analyzed for the “auto” features, where documents have an automatically updated date and time in the document that when processed

would be inaccurate for how the document was used in the ordinary course of business. If an “auto date” is identified, the producing party will make reasonable efforts to produce document branded with the words “Auto Date.”

**I. Embedded Objects.** Objects embedded in Microsoft Word and RTF documents that have been embedded with the “Display as Icon” feature will be extracted as separate documents and treated like attachments to the document.

**J. Compressed Files.** Compressed file types (*e.g.*, CAB, .GZ, .TAR, .Z, .ZIP) shall be decompressed in a reiterative manner to ensure that a zip within a zip is decompressed into the lowest possible compression resulting in individual folders and/or files.

**K. Text Files.** For each document, a single text file shall be provided along with the image files and metadata. The text file name shall be the same as the Bates number of the first page of the document. File names shall not have any special characters or embedded spaces. Electronic text must be extracted directly from the native electronic file unless the document was redacted, an image file, or a physical file. In these instances, a text file shall be created using OCR and shall be produced in lieu of extracted text. *See* Section II.C for OCR requirements. Under no circumstances shall the receiving party be required to rely upon a less accurate version of the text than the producing party. For example, if the producing party has access to extracted text from electronic document files, the receiving party shall receive extracted text as well, instead of OCR text generated from an image file.

**L. Spreadsheets.** Spreadsheets shall be produced as TIFF images along with the extracted text and relevant metadata identified in Appendix 2 for the entire spreadsheet. If the receiving party reasonably believes that there is need to review a specific spreadsheet in native form, the parties agree to meet and confer regarding the production of that spreadsheet

in native form. Spreadsheets shall be produced so that all rows and columns are expanded and capable of being viewed within the TIFF image. If the producing party believes that the TIFF image will yield a document that is not reasonably usable, the producing party shall produce such spreadsheet in its native format. If the receiving party reasonably believes that there is need to review a specific spreadsheet in native form, the parties agree to meet and confer regarding the production of that spreadsheet in native form.

**M. Microsoft PowerPoint or slide programs.** PowerPoint presentations shall be produced as TIFF image, which shall include all speaker notes and “hidden” slides. Color PowerPoint presentations shall be converted to color TIFF images if the color is meaningful—that is, if the color is needed in order to understand the meaning of the document—and black and white PowerPoint presentations shall be converted to black and white TIFF images, provided that proper grayscale printing is enabled to ensure that any dark colored text is not hidden from view by other dark objects/drawings around the text. If the receiving party reasonably believes that there is need to review a specific PowerPoint in native form, the parties agree to meet and confer regarding the production of that PowerPoint in native form. If the PowerPoint or slide program contains video or audio components, the video or audio will be produced in accordance with Paragraph O below.

**N. Structured Data.** The parties agree to negotiate separately regarding the production of structured database files and shared drives.

**O. Audio and Video Files.** All audio files and video files shall be produced in their native format with the Source File Path provided. For the purposes of identifying metadata to be collected in Appendix 2, audio and video files will be considered electronic documents.

**P. Exceptions.** The producing party shall make reasonable efforts to limit the

extent of documents that cannot be processed.

**Q. Additional ESI Production Protocols.**

**1. Database Load Files/Cross-Reference Files.** Documents shall be provided with (a) a delimited data file (.DAT or .CSV) and (b) an image load file, as detailed in Appendix 1.

**2. File Size Limitation/Non-Standard Files.** The format of production of unusually large files and non-standard electronic files, large oversized documents (*e.g.*, blueprints) etc., will be discussed before production to determine the optimal production format.

**3. Replacements.** All files that are replaced for any reason must be annotated with an “-R” designation appended to the original Bates number. Any Replacement files that are produced shall be accompanied with an indication within the letter or correspondence accompanying the production that the production contains “Replacements.”

**4. Stipulated Protective Order and Clawback Procedure.** The terms of the Stipulated Protective Order, including the clawback procedure, are incorporated herein.

**IV. SUPPLEMENTAL SEARCH TERMS**

**A.** If words, phrases, abbreviations, terms of art, idiomatic expressions, alternate spellings (or misspellings), or particular linguistic styles which are recurrent or that are unique to the Defendants, or which are otherwise not presently known to Plaintiffs, and such terms are reasonably calculated to lead to the discovery of information relevant to this litigation, then Plaintiffs may propose a search of the Defendants’ electronically-stored information using such additional search terms. As with any Request for Production or for implementation of search methodologies, any such requests may be the subject of objection, conferring and, if necessary, direction from the Court.

**B.** If in the course of discovery, additional custodians or sources who/which are recurrent, who/which are otherwise not presently known to Plaintiffs, or who/which Plaintiffs determine may possess materials reasonably calculated to lead to the discovery of relevant evidence, are identified, Plaintiffs may request the custodial files of those additional custodians and materials from these additional sources. As with any Request for Production, any such requests may be the subject of objection, conferring and, if necessary, direction from the Court.

**V. DATE SCOPE REGARDING ESI AND HARD COPY DOCUMENTS**

The parties agree to negotiate separately regarding any date scope limitation regarding ESI and hard copy documents. However, it is recognized that the parties have a duty and responsibility to supplement their responses to discovery as set forth in the Federal Rules of Civil Procedure.

**VI. ARCHIVED AND BACKUP DATA**

Collection and production of responsive ESI will include archived data that is reasonably accessible. If a producing party takes the position that any backup or archived data that may contain discoverable information is not “reasonably accessible” as described by the Federal Rules of Civil Procedure, such sources shall be identified with sufficient particularity that the requesting party may make a motion with respect thereto.

**VII. COST OF ESI**

While each party expressly reserves its rights to seek costs relating to this litigation, including the costs of producing documents and ESI, initially each party will bear the costs to process and review its own documents and readily accessible ESI.

**VIII. AGREEMENT DOES NOT WAIVE OR SUPERSEDE PARTIES’ DISCOVERY RIGHTS AND/OR OBLIGATIONS UNDER THE FEDERAL RULES OF CIVIL PROCEDURE.**

This agreement is without waiver or limitation of any rights of any party to discovery under the Federal Rules of Civil Procedure. The obligations of any party to this agreement to provide discovery under the Federal Rules of Civil Procedure are not limited or superseded by this agreement.

DATED: August 16, 2012

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## APPENDIX 1: FILE FORMATS

### Image Load Files

- Every document referenced in a production image load file shall have all corresponding images, text and data.
- Documents shall be produced in only one image load file throughout the productions, unless that document is noted as being a replacement document in the Replacement field of the data load file.
- The name of the image load file shall mirror the name of the delivery volume, and should have a .LFP or .OPT extension (*e.g.*, ABC001.LFP).
- The volume names shall be consecutive (*e.g.*, ABC001, ABC002, . . .).
- The load file shall contain one row per TIFF image.
- Every image in the delivery volume shall be contained in the image load file.
- The image key shall be named the same as the Bates number of the page.
- Load files shall not span across media (CDs, DVDs, hard drives, etc.). A separate volume shall be created for each piece of media delivered.

### Metadata Load Files

- The metadata load file shall use the following delimiters:
  - Column delimiter: Pipe | (ASCII 124)
  - Text qualifier: Caret ^ (ASCII 94)
  - New line: Registered sign ® (ASCII 174)
- Data for documents shall be produced in only one data load file throughout the productions, unless that document is noted as being a replacement document in the Replacement field of the data load file.

- The first record shall contain the field names in the order of the data set forth in Appendix 2.
- All date fields shall be produced in “mm/dd/yyyy hh:mm:ss AM” format.
- A carriage-return line-feed shall be used to indicate the start of the next record.
- Load files shall not span across media (CDs, DVDs, hard drives, etc.). A separate volume shall be created for each piece of media delivered.
- The name of the metadata load file shall mirror the name of the delivery volume, and shall have a .DAT extension (*e.g.*, ABC001.DAT).
- The volume names shall be consecutive (*e.g.*, ABC001, ABC002, . . .).

**APPENDIX 2: ESI AND HARD COPY METADATA AND CODING FIELDS**

<b>File Name</b>	<b>Field Description</b>	<b>Populated for (email, e- documents, e- attachments, physicals)</b>	<b>Sample Values</b>
ProdBeg	Bates number for the first page of the document	All	Prefix-0000001
ProdEnd	Bates number for the last page of the document	All	Prefix-0000002
BegAttach	Bates number for the first document of the attachment	All	Prefix-0000003
EndAttach	Bates number for the last document of the attachment	All	Prefix-0000005
PgCount	Number of printed pages of the document	All	2
AttachmentCount	The total number of attachments including any attachments that were not processed and the contents of additional attached containers. A value of zero (0) should be returned for any files/documents without attachments.	All	3
Custodian_Source	Custodian name produced in format: Lastname, Firstname. Where redundant names occur, individuals should be distinguished by an initial which is kept constant throughout productions (e.g., Smith, John A. and Smith, John B. A non-human name (i.e., server name or data name) or designation such as “loose files” can be used.	All	Smith, Jane; Smith, John A.; Smith, John B.; Taylor, Michael

<b>File Name</b>	<b>Field Description</b>	<b>Populated for (email, e- documents, e- attachments, physicals)</b>	<b>Sample Values</b>
Confidentiality	Indicates if the document has been designated as “Confidential” pursuant to any applicable Protective Order	All	Confidential
DocumentType	Descriptor for the type of document: “File” for electronic documents not attached to emails; “email” for all emails; “Attachment” for files that were attachments to emails; and “Physicals” for hard copy physical documents that have been scanned and converted to an electronic image	All	Email
Source File Path	The directory structure of the original file for non-emails e-documents.	Only for non-email e-documents	
EmailSubject	Subject line of an email.		Text of the subject line
To	To extent available, all SMTP addresses of all recipients that were included on the “To” line of the email. Multiple recipients should be delimited by a semicolon.	Email	Larry.murphy@email.com
CC	To extent available, the email addresses of all recipients that were included on the “CC” line of the email.	Email	Sstephens44@email.com
BCC	To extent available, the email addresses of all recipients that were included on the “BCC” line of the email.	Email	Ceo-gs@email.com

File Name	Field Description	Populated for (email, e- documents, e- attachments, physicals)	Sample Values
Attach	The file name(s) of the documents attached to emails or e-documents. E-documents with embedded documents such as documents contained in a .ZIP file should have the embedded document name(s) listed here. Multiple files should be delimited by a semicolon.	Email, e-documents	AttachFilename1.ext
DocDate	The parties shall use a single date for documents. <sup>1</sup>	E-documents, e-attachments	mm/dd/yyyy hh:mm:ss AM

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<sup>1</sup>The parties agree to provide one date field based on the following hierarchy:

Email (msg/eml):

- If an Email is an Appointment or Schedule/Meeting, the first valid date in the following order: Start Date, End Date, Date Sent, Date Received
- Otherwise, first valid date in the following order: Date Sent, Date Received

Email attachment or part of an archive (i.e., ZIP file)

- The first valid date in the following order: Internal Modified, Internal Created, Parent Sent Date, Parent Received Date
- If none of the above is available, Date Sent of closest email in set

Stand-alone File

- The first valid date in following order: Internal Modified, Modified, Internal Created, Created
- To the extent multiple drafts/versions of a document exist, each draft version shall be treated as a separate document for production purposes

<b>File Name</b>	<b>Field Description</b>	<b>Populated for (email, e- documents, e- attachments, physicals)</b>	<b>Sample Values</b>
Title	Any value populated in the Title field of the document properties.	E-documents, e-attachments	Title
Subject	Any value populated in the Subject field of the document properties.	E-documents, e-attachments	Subject
Author	Any value populated in the Author field of the document properties	E-documents, e-attachments	Author
DocExt	The file extension of the document is defined as the substring of the file name which follows but does not include the last occurrence of the dot character.	Email, e-documents, e-attachments	htm
Size	Size (in bytes) of the original file.	Email, e-documents, e-attachments	1408
Folder	Email message directory	Email, e-attachments	Mailbox – Smith, Joe\Inbox\Client Materials\Crivella West\
Importance	Priority	Email	Flag
Hash Value	Checksum for a file, a 128-bit value.	Email, E-documents, e-attachments	e4d909c290d0fb1ca068ff addf22cbd0

<b>File Name</b>	<b>Field Description</b>	<b>Populated for (email, e- documents, e- attachments, physicals)</b>	<b>Sample Values</b>
From	The name and email address of the sender of the email	Email	Bart.Cole@email.com