

1

2

3

4

5

6

7

8

**UNITED STATES DISTRICT COURT
SOUTHERN DISTRICT OF CALIFORNIA**

9

10

11

DR SYSTEMS, INC.,**CIV. NO. 06-417-JLS (NLS)¹**

12

Plaintiff,**ORDER GRANTING JOINT
MOTION TO CORRECT &
ISSUING AN AMENDED CLAIM
CONSTRUCTION ORDER FOR
UNITED STATES PATENT
NUMBER 5,452,416**

13

vs.

14

**FUJIFILM MEDICAL SYSTEMS
USA, INC., et al,**

15

Defendants.**[Doc. No. 249]**

16

and related counterclaims.

17

18

19

20

21

22

On October 2, 2007, the Court issued the *Markman* Order on the Plaintiff's United States Patent No. 5,452,416 ('416 Patent). [# 236] By separate Order, the Court granted Plaintiff's motion to correct Figure 8 in the '416 Patent. The Court issues this amended Claim Construction Order to reflect that change (by deleting the asterisk from Page 8 that had marked that correction point in Claim 5).

23

24

25

26

27

28

In addition, the parties filed a joint motion to correct clerical errors in the October 2, 2007 *Markman* Order. [# 249] The Court has reviewed the helpful, red-lined version of their proposed changes that was submitted directly to chambers. Some of the corrections are

¹After the *Markman* hearing on Plaintiff's patent, the case was transferred to another District Judge in preparation for the undersigned's retirement. In the interest of judicial economy, the Court heard the related motion to correct Figure 8, with the resulting amendment to the Claim Construction Order on Plaintiff's '416 Patent.

1 traditional clerical errors, and the Court has made those corrections. Other changes indicate
2 that the parties have agreed to define additional terms or to modify and clarify the definitions
3 of certain phrases. The Court approves these stipulated alterations and has incorporated the
4 requested changes into this Amended Claim Construction Order.

5 Pursuant to *Markman v. Westview Instruments, Inc.*, 517 U.S. 370 (1996), the Court
6 conducted hearings on February 27-28, June 12-13, and September 24-25, 2007 regarding the
7 construction of the disputed claims in Plaintiff DR Systems, Inc.'s United States Patent
8 Number 5,452,416 ('416).

9 At the *Markman* hearing, the Court, with the assistance of the parties, analyzed the
10 claim terms in order to prepare jury instructions interpreting the pertinent claims at issue in
11 the '416 patent. Additionally, the Court prepared a case glossary for terms found in the
12 claims and specification for the '416 patent considered to be technical in nature which a jury
13 of laypersons might not understand clearly without a specific definition.

14 After careful consideration of the parties' arguments and the applicable statutes and
15 case law, the Court **HEREBY CONSTRUES** the claims in dispute for the '416 patent and
16 **ISSUES** the relevant jury instructions as written in Exhibit A, attached hereto. Further, the
17 Court **HEREBY DEFINES** all pertinent technical terms as written in Exhibit B, attached
18 hereto.

19 IT IS SO ORDERED

20 DATED: December 5, 2007


21 
22 Hon. Rudi M. Brewster
23 United States Senior District Judge
24
25
26
27
28

EXHIBIT A²
UNITED STATES PATENT NUMBER 5,452,416 - CLAIM CHART

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

<u>VERBATIM CLAIM LANGUAGE</u>	<u>COURT’S CONSTRUCTION</u>
Claim 1	
A system for presenting images of anatomical structure for examination by a diagnosing physician, including:	A system for presenting images of anatomical structure for examination by a diagnosing physician, including:
means including one or more display monitors for displaying at least one display container including a display area subdivided into a plurality of presentation areas in a predetermined array;	means including one or more display monitors for displaying at least one display container [<i>a bounded area or window in which images are presented</i>] including a display area [<i>a space within a display container in which the anatomical images may be viewed</i>] subdivided into a plurality [<i>two or more</i>] of presentation areas [<i>an area in which a single image is presented at a time</i>] in a predetermined array [<i>a two-dimensional layout of presentation areas (e.g. 2X2 or 4X5) determined beforehand</i>] [<i>This is a means-plus-function limitation. The function is displaying at least one display container including a display area subdivided into a plurality of presentation areas in a predetermined array. The corresponding structure is a display monitor.</i>];
means for storing an image database including a plurality of images of anatomical structures, the images being separated into a plurality of image groups, in which:	means for storing an image database [<i>a collection including stored image files, physician data tables, and indices that enables storage and retrieval of images</i>] including a plurality of images of anatomical structures, the images being separated into a plurality of image groups [<i>assigning images a file name that is specific to a particular image group [one or more image series obtained during an examination]</i>] [<i>This is a means-plus-function limitation. The function is storing an image database including a plurality of images of anatomical structures, the images being separated into a plurality of image groups. The corresponding structure is a storage device.</i>], in which:

² All terms appearing in bold face type have been construed by the Court and appear with their definitions in the glossary in Exhibit B. The definition for each construed term appears in within brackets and in italics after its first use in the patent. Thereafter, a term that has previously been defined appears in bold type face and is also underlined.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

<u>VERBATIM CLAIM LANGUAGE</u>	<u>COURT’S CONSTRUCTION</u>
<p>each image group is indexed by a unique group identification; and</p>	<p>each image group is indexed [<i>one piece of information used to locate other information</i>] by a unique group identification [<i>identification of a particular image group for a specific patient to the exclusion of all other image groups</i>]; and</p>
<p>each image group is partitioned into one or more ordered image series, each ordered image series including a succession of images which illustrate incrementally registered aspects of an anatomical target, each image series being ordered by assignment to each image in the image series of a numerical position in a respective monotonically changing sequence; and</p>	<p>each image group is partitioned into one or more ordered image series, each ordered image series including a succession of images which illustrate incrementally registered aspects of an anatomical target, each image series being ordered by assignment to each image in the image series of a numerical position in a respective monotonically changing sequence [<i>each image in a collection of images in an image series is assigned a numerical value representing its order in the sequence</i>]; and</p>
<p>physician data tables are stored with indexes to unique group identifications and to physician identifiers and including entries specifying output functions and displaying formats;</p>	<p>physician data tables [<i>data tables organized by referring and diagnosing physician that contain preferences for each respective physician</i>] are stored with indexes [<i>values in a database used to locate information at another location</i>] to unique group identifications and to physician identifiers [<i>information associated with a particular physician to the exclusion of all other physicians</i>] and including entries [<i>information input into a field</i>] specifying output functions [<i>an action to be carried out by a program to control presentation of images in an image group to a physician according to preprogrammed output preferences</i>] and displaying formats [<i>for each diagnosing physician, predetermined settings for the display on the monitor of all image series including, for example, mode, layout, size, and coupling of images</i>];</p>
<p>means for receiving a physician identifier;</p>	<p>means for receiving a physician identifier [<i>This is a means-plus-function limitation. The function is to receive the physician identifier. The corresponding structure is a trackball mechanism, keyboard, user interface 14a, screen driver 14b.</i>];</p>

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

<u>VERBATIM CLAIM LANGUAGE</u>	<u>COURT’S CONSTRUCTION</u>
<p>means for receiving a group identification;</p>	<p>means for receiving a group identification [This is a means-plus-function limitation. The function is to receive the group identification. The corresponding structure is a trackball mechanism, keyboard, user interface 14a, screen driver 14b.];</p>
<p>means connected to the means for receiving, to the means for storing an image database and to the means for displaying at least one display container and responsive to a physician identifier and to a group identification for retrieving at least one image series of an image group indexed by the group identification and for displaying the at least one image series in one or more presentation areas of the plurality of presentation areas in a display format contained in the physician data tables; and</p>	<p>means connected to the means for receiving, to the means for storing an image database and to the means for displaying at least one display container and responsive to a physician identifier and to a group identification for retrieving at least one image series of an image group indexed by the group identification and for displaying the at least one image series in one or more presentation areas of the plurality of presentation areas in a display format contained in the physician data tables [This is a means-plus-function limitation. The function is to retrieve at least one image series of an image group indexed by the group identification and to display the at least one image series in one or more presentation areas of the plurality of presentation areas in a display format contained in the physician data tables. The corresponding structure is the algorithm described at Figure 7 (except 83); col. 9, line 44 through col. 10, line 13 running on a computer with video card as described in col. 6, lines 3 - 5.]; and</p>
<p>means for providing an output from the system according to an output function specified in the physician data tables.</p>	<p>means for providing an output from the system according to an output function specified in the physician data tables [This is a means-plus-function limitation. The function is to provide an output from the system according to an output function specified in the physician data tables. The corresponding structure is a computer, physician data tables as shown in Figure 6 (such as, for example, boxes 52 and 63), an algorithm associated with either the DONE, CHANGE SERIES, PRINT, NEXT, and/or PREVIOUS functions identified at col. 11, lines 7 - 47 and Figure 8 (box 92 and box below, box 96 and box below), Figure 10 (box 113 and box below, box 118 and box below).].</p>

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

<u>VERBATIM CLAIM LANGUAGE</u>	<u>COURT’S CONSTRUCTION</u>
Claim 2	
The system of claim 1, wherein:	The system of claim 1, wherein:
the physician data tables include at least one entry specifying a mode of image series presentation, in which a first mode is a monitor mode and a second mode is a series mode; and	the physician data tables include at least one entry [<i>information input into a field</i>] specifying a mode of image series presentation, in which a first mode is a monitor mode [<i>an image series is presented in the order of its respective sequence in a single respective display container such that each presentation area of the single respective display container includes no more than one image</i>] and a second mode is a series mode [<i>each image series is presented one image at a time in the order of its respective sequence in a single respective presentation area of the plurality of presentation areas</i>]; and
the means for retrieving and displaying including means for ordering the display of the at least one image series in response to mode specification by:	the means for retrieving and displaying including means for ordering the display [<i>Function and structure here below</i>] of the at least one image series in response to mode specification by:
displaying each image series of the at least one image series in the order of its respective sequence in a single respective display container in the at least one display container such that each presentation area of the single respective display container includes no more than one image, in response to designation of the monitor mode; and	displaying each image series of the at least one image series in the order of its respective sequence in a single respective display container in the at least one display container such that each presentation area of the single respective display container includes no more than one image, in response to designation of the monitor mode ; and [<i>This is a means-plus-function limitation. The function is ordering the display of the at least one image series in response to mode specification. The corresponding structure is a computer performing the algorithm steps of boxes 81, 82 in Figure 7 and col. 6, line 61 through col. 7, line 5; & col. 7, lines 41-44.</i>]
displaying each image series of the at least one image series one image at the time in the order of its respective sequence in a single respective presentation area of the plurality of presentation areas, in response to designation of the series mode.	displaying each image series of the at least one image series one image at the time in the order of its respective sequence in a single respective presentation area of the plurality of presentation areas , in response to designation of the series mode .

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

<u>VERBATIM CLAIM LANGUAGE</u>	<u>COURT’S CONSTRUCTION</u>
<u>Claim 3</u>	
<p>The system of claim 2, further including means for synchronizing the presentation of each image series of two or more image series such that whenever the display of one image series of the two or more image series is changed to display a next image in the order of its respective sequence, each other image series of the two or more image series is correspondingly changed by the means for retrieving and displaying.</p>	<p>The system of claim 2, further including means for synchronizing the presentation of each image series [<i>This is a means-plus-function limitation. The function is synchronizing the presentation of each image series of two or more image series such that whenever the display of one image series of the two or more image series is changed to display a next image in the order of its respective sequence, each other image series of the two or more image series is correspondingly changed. The corresponding structure is computer program implementing the algorithms described at boxes 110, 111, 112 and box below of Figure 10 and Col. 13, line 57 through col. 14, line 8.</i>] of two or more image series such that whenever the display of one image series of the two or more image series is changed to display a next image in the order of its respective sequence, each other image series of the two or more image series is correspondingly changed by the means for retrieving and displaying.</p>
<u>Claim 5</u>	
The system of claim 1, further including:	The system of claim 1, further including:
<p>means for displaying a palette display container on the one or more display monitors, the palette display container for presenting a plurality of presentation areas in an array; and</p>	<p>means for displaying a palette display container [<i>the display container provided to receive and reproduce images which are selected from another display container.</i>] [<i>This is a means-plus-function limitation. The function is displaying a palette display container on the one or more display monitors. The corresponding structure is computer program implementing Figure 7, block 83</i>] on the one or more display monitors, the palette display container for presenting a plurality of presentation areas in an array; and</p>

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

<u>VERBATIM CLAIM LANGUAGE</u>	<u>COURT’S CONSTRUCTION</u>
<p>means for selecting an image of an image series displayed in the at least one display container and reproducing the selected image in a presentation area of the palette display container.</p>	<p>means for selecting an image of an image series displayed in the at least one <u>display container</u> and reproducing the selected <u>image in a presentation area of the palette display container</u>. <i>[This is a means-plus-function limitation. The function is selecting an image of an image series displayed in the at least one display container and reproducing the selected image in a presentation area of the palette display container. The corresponding structure is trackball mechanism 16; keyboard 22; screen driver 14b; user interface 14a; image subsystem 14c; computer program implementing blocks 93-94a depicted in Figure 8; col. 12:31-58.]</i></p>
<p><u>Claim 6</u></p>	
<p>A method for presenting images of anatomical structure for examination by a diagnosing physician, the method being executed on a computer display system having:</p>	<p>A method for presenting images of anatomical structure for examination by a diagnosing physician <i>[a method used by a diagnosing physician for examination of medical images]</i>, the method being executed on a computer display system having:</p>
<p>a display for displaying at least one display container subdivided into a plurality of presentation areas in a predetermined array;</p>	<p>a display for displaying at least one <u>display container</u> subdivided into a <u>plurality of presentation areas</u> in a predetermined array;</p>
<p>a storage subsystem for storing an image database including a plurality of images of anatomical structures; and</p>	<p>a <u>storage subsystem</u> <i>[storage device that stores information]</i> for storing an <u>image database</u> including a <u>plurality</u> of images of anatomical structures; and</p>
<p>means connected to the storage subsystem and to the at least one display container for retrieving images from the image database and displaying retrieved images in the at least one display container;</p>	<p>means connected to the <u>storage subsystem</u> and to the at least one <u>display container</u> for retrieving images from the <u>image database</u> and displaying retrieved images in the at least one <u>display container</u> <i>[This is a means-plus-function limitation. The function is retrieving images from the image database and displaying retrieved images in the at least one display container. The structure is the algorithm described at Figure 7 (except 83); col. 9, line 44 through col. 10, line 13 running on a computer with video card as described in col. 6, lines 3-5.];</i></p>
<p>the method including the steps of:</p>	<p>the method including the steps of:</p>

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

<u>VERBATIM CLAIM LANGUAGE</u>	<u>COURT’S CONSTRUCTION</u>
<p>storing a plurality of images in the image database; separating the plurality of images into image groups; indexing each image group by a unique group identification;</p>	<p>storing a plurality of images in the image database; separating the plurality of images into image groups [<i>assigning images a file name that is specific to a particular image group</i>]; indexing each image group by a unique group identification;</p>
<p>partitioning each image group into one or more ordered image series, each ordered image series including a succession of images which illustrate incrementally registered aspects of an anatomical target, each image series being ordered by assignment to each image in the image series of a numerical position in a respective monotonically changing sequence;</p>	<p>partitioning each image group into one or more ordered image series, each ordered image series including a succession of images which illustrate incrementally registered aspects of an anatomical target, each image series being ordered by assignment to each image in the image series of a numerical position in a respective monotonically changing sequence;</p>
<p>storing a first data table in the storage subsystem, the first data table listing a plurality of referring physician identifiers, each referring physician being indexed from at least one group identification, each referring physician identifier identifying a referring physician and including respective fields specifying output preferences of the identified referring physician for outputting to the identified referring physician images from the display;</p>	<p>storing a first data table in the storage subsystem, the first data table listing a plurality of referring physician identifiers, each referring physician being indexed from at least one group identification, each referring physician identifier identifying a referring physician and including respective fields [<i>a location in a data table</i>] specifying output preferences [<i>settings specifying a physician’s preferred choice</i>] of the identified referring physician for outputting to the identified referring physician images from the display;</p>
<p>storing a second data table in the storage subsystem, the second data table listing a plurality of diagnosing physician identifiers, each diagnosing physician identifier identifying a diagnosing physician and including respective fields specifying format preferences and mode preferences of the identified diagnosing physician for displaying images on the display; and</p>	<p>storing a second data table in the storage subsystem, the second data table listing a plurality of diagnosing physician identifiers, each diagnosing physician identifier identifying a diagnosing physician and including respective fields specifying format preferences [<i>prespecified number and arrangement of presentation areas in which a diagnosing physician prefers all image series be viewed</i>] and mode preferences [<i>prespecified settings that determine whether a physician prefers all image series be displayed in monitor or series mode</i>] of the identified diagnosing physician for displaying images on the display; and</p>
<p>providing a group identification;</p>	<p>providing a group identification;</p>
<p>providing a diagnosing physician identifier;</p>	<p>providing a diagnosing physician identifier;</p>

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

<u>VERBATIM CLAIM LANGUAGE</u>	<u>COURT’S CONSTRUCTION</u>
<p>in response to the group identification and the diagnosing physician identifier, retrieving at least one image series of an image group indexed by the group identification and displaying the at least one image series in one or more presentation areas of the plurality of presentation areas in accordance with a format preference specified in fields of the diagnosing physician identifier; and</p>	<p>in response to the group identification and the diagnosing physician identifier, retrieving at least one image series of an image group indexed by the group identification and displaying the at least one image series in one or more presentation areas of the plurality of presentation areas in accordance with a format preference specified in fields of the diagnosing physician identifier; and</p>
<p>outputting images from the at least one image series according to output preferences of a referring physician identified by a referring physician identifier indexed from the group identification.</p>	<p>outputting images [<i>transferring images from a diagnosing physician to a referring physician</i>] from the at least one image series according to output preferences of a referring physician identified by a referring physician identifier indexed from the group identification.</p>

EXHIBIT B

UNITED STATES PATENT NUMBER 5,452,416 - GLOSSARY OF TERMS

TERM	DEFINITION
A method for presenting images of anatomical structure for examination by a diagnosing physician	a method used by a diagnosing physician for examination of medical images
display area	a space within a display container in which the anatomical images may be viewed
display container	a bounded area or window in which images are presented
displaying format(s)	for each diagnosing physician, predetermined settings for the display on the monitor of all image series including, for example, mode, layout, size, and coupling of images
each image series being ordered by assignment to each image in the image series of a numerical position in a respective monotonically changing sequence	each image in a collection of images in an image series is assigned a numerical value representing its order in the sequence
entry(ies)	information input into a field
field(s)	a location in a data table
format preference(s)	prespecified number and arrangement of presentation areas in which a diagnosing physician prefers all image series be viewed
image database	a collection including stored image files, physician data tables, and indices that enables storage and retrieval of images
image group(s)	one or more image series obtained during an examination
indexed	one piece of information used to locate other information
indexes	values in a database used to locate information at another location

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

<p>means connected to the means for receiving, to the means for storing an image database and to the means for displaying at least one display container and responsive to a physician identifier and to a group identification for retrieving at least one image series of an image group indexed by the group identification and for displaying the at least one image series in one or more presentation areas of the plurality of presentation areas in a display format contained in the physician data tables</p>	<p>This is a means-plus-function limitation. The function is to retrieve at least one image series of an image group indexed by the group identification and to display the at least one image series in one or more presentation areas of the plurality of presentation areas in a display format contained in the physician data tables. The corresponding structure is the algorithm described at Figure 7 (except 83); col. 9, line 44 through col. 10, line 13 running on a computer with video card as described in col. 6, lines 3 - 5.</p>
<p>means connected to the storage subsystem and to the at least one display container for retrieving images from the image database and displaying retrieved images in the at least one display container</p>	<p>This is a means-plus-function limitation. The function is retrieving images from the image database and displaying retrieved images in the at least one display container. The structure is the algorithm described at Figure 7 (except 83); col. 9, line 44 through col. 10, line 13 running on a computer with video card as described in col. 6, lines 3-5.</p>
<p>means for displaying a palette display container</p>	<p>This is a means-plus-function limitation. The function is displaying a palette display container on the one or more display monitors. The corresponding structure is computer program implementing Figure 7, block 83.</p>
<p>means . . . for displaying at least one display container including a display area subdivided into a plurality of presentation areas in a predetermined array</p>	<p>This is a means-plus-function limitation. The function is displaying at least one display container including a display area subdivided into a plurality of presentation areas in a predetermined array. The corresponding structure is a display monitor.</p>
<p>means for ordering the display</p>	<p>This is a means-plus-function limitation. The function is ordering the display of the at least one image series in response to mode specification. The corresponding structure is a computer performing the algorithm steps of boxes 81, 82 in Figure 7 and col. 6, line 61 through col. 7, line 5; & col. 7, lines 41-44.</p>

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

<p>means for providing an output from the system according to an output function specified in the physician data tables</p>	<p>This is a means-plus-function limitation. The function is to provide an output from the system according to an output function specified in the physician data tables. The corresponding structure is a computer, physician data tables as shown in Figure 6 (such as, for example, boxes 52 and 63), an algorithm associated with either the DONE, CHANGE SERIES, PRINT, NEXT, and/or PREVIOUS functions identified at col. 11:7 - 47 and Figure 8 (box 92 and box below, box 96 and box below), Figure 10 (box 113 and box below, box 118 and box below).</p>
<p>means for receiving a group identification</p>	<p>This is a means-plus-function limitation. The function is to receive the group identification. The corresponding structure is a trackball mechanism, keyboard, user interface 14a, screen driver 14b.</p>
<p>means for receiving a physician identifier</p>	<p>This is a means-plus-function limitation. The function is to receive the physician identifier. The corresponding structure is a trackball mechanism, keyboard, user interface 14a, screen driver 14b.</p>
<p>means for selecting an image of an image series displayed in the at least one display container and reproducing the selected image in a presentation area of the palette display container</p>	<p>This is a means-plus-function limitation. The function is selecting an image of an image series displayed in the at least one display container and reproducing the selected image in a presentation area of the palette display container. The corresponding structure is trackball mechanism 16; keyboard 22; screen driver 14b; user interface 14a; image subsystem 14c; computer program implementing blocks 93-94a depicted in Figure 8*; col 12:31-58. *Court to resolve whether or not there is a correctable error in the “no” branch from block 94.</p>
<p>means for storing an image database including a plurality of images of anatomical structures, the images being separated into a plurality of image groups</p>	<p>This is a means-plus-function limitation. The function is storing an image database including a plurality of images of anatomical structures, the images being separated into a plurality of image groups. The corresponding structure is a storage device.</p>

1	means for synchronizing the presentation of each image series	This is a means-plus-function limitation. The function is synchronizing the presentation of each image series of two or more image series such that whenever the display of one image series of the two or more image series is changed to display a next image in the order of its respective sequence, each other image series of the two or more image series is correspondingly changed. The corresponding structure is computer program implementing the algorithms described at boxes 110, 111, 112 and box below of Figure 10 and Col. 13, line 57 through col. 14, line 8.
2		
3		
4		
5		
6		
7		
8		
9	mode preferences	prespecified settings that determine whether a physician prefers all image series be displayed in monitor or series mode
10		
11	monitor mode	an image series is presented in the order of its respective sequence in a single respective display container such that each presentation area of the single respective display container includes no more than one image
12		
13		
14	output function(s)	an action to be carried out by a program to control presentation of images in an image group to a physician according to preprogrammed output preferences
15		
16	output preferences	settings specifying a physician's preferred choice
17		
18	palette display container	the display container provided to receive and reproduce images which are selected from another display container
19		
20	physician data table(s)	data tables organized by referring and diagnosing physician that contain preferences for each respective physician
21		
22	physician identifier(s)	information associated with a particular physician to the exclusion of all other physicians
23		
24	plurality	two or more
25	predetermined array	a two-dimensional layout of presentation areas (e.g. 2X2 or 4X5) determined beforehand
26	presentation area(s)	an area in which a single image is presented at a time
27		
28		

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

series mode	each image series is presented one image at a time in the order of its respective sequence in a single respective presentation area of the plurality of presentation areas
separating the plurality of images into image groups	assigning images a file name that is specific to a particular image group
storage subsystem	storage device that stores information
the images being separated into a plurality of image groups	assigning images a file name that is specific to a particular image group
unique group identification	identification of a particular image group for a specific patient to the exclusion of all other image groups