

November 30, 2023

Canadian Heart Rhythm Society Device Committee

RE: Boston Scientific Model 2892 Software on Model 3120 ZOOM Programmers

Nature of the Advisory:

The Model 2892 software application determines the date using a clock parameter. Based on the design of the Model 2892 software application, the clock parameter supports dates from 1 January 1990 until 10 January 2024. After this date, the clock parameter will restart and incorrectly display certain diagnostic dates on the programmer screen, save-to-disk, and in printed reports.

- Affected diagnostic dates that will display incorrectly on or after 10 January 2024, include date of last battery test, last programmed date, last interrogation date, last reset counter/histograms, and the dates of follow-up tests such as intrinsic amplitude, pacing impedance, and pacing threshold tests.
- The replacement indicator dates and date of events in the arrhythmia logbook are not affected and display correctly.
- There is no impact to the performance of the pacemaker, actual longevity remaining of the pacemaker, nor battery gas gauge display.
- This behavior only affects pacemakers supported with the Model 2892 software on the Model 3120 ZOOM programmer and does not affect dates displayed on the Model 3300 LATITUDE programmer or the LATITUDE Consult™ system.

Scope of the Problem:

The Model 2892 software application supports approximately 8,400 of the remaining ALTRUA™, INSIGNIA™, and NEXUS™ family of pacemakers that were distributed between October 2001 and August 2018. In Canada there are approximately 140 Model 3120 ZOOM programmers remaining in service.

Response of the CHRS Device Committee:

- Routine follow-up should remain as per local standard of care and clinical protocol.
- When using the Model 2892 software application on the Model 3120 ZOOM programmer, if a date includes a year in the 1990s, HCPs may:
 - Determine a precise date by interrogating an ALTRUA, INSIGNIA, or NEXUS pacemaker with a Model 3300 LATITUDE programmer; or
 - Determine an approximate date (within a two-day range) using the attached table.

CHRS Device Committee

Jason Andrade, MD (Chair, Device Committee)

François Philippon, MD

Derek Chew, MD

Clarence Khoo, MD

Jamie Manlucu, MD,

Calum Redpath, MBChB

Larry Sterns, MD

Displayed Date	Approximate Date	Displayed Date	Approximate Date	Displayed Date	Approximate Date	Displayed Date	Approximate Date
1-Jan-1990	10-Jan-2024	4-Feb-1990	13-Feb-2024	10-Mar-1990	18-Mar-2024	13-Apr-1990	21-Apr-2024
2-Jan-1990	11-Jan-2024	5-Feb-1990	14-Feb-2024	11-Mar-1990	19-Mar-2024	14-Apr-1990	22-Apr-2024
3-Jan-1990	12-Jan-2024	6-Feb-1990	15-Feb-2024	12-Mar-1990	20-Mar-2024	15-Apr-1990	23-Apr-2024
4-Jan-1990	13-Jan-2024	7-Feb-1990	16-Feb-2024	13-Mar-1990	21-Mar-2024	16-Apr-1990	24-Apr-2024
5-Jan-1990	14-Jan-2024	8-Feb-1990	17-Feb-2024	14-Mar-1990	22-Mar-2024	17-Apr-1990	25-Apr-2024
6-Jan-1990	15-Jan-2024	9-Feb-1990	18-Feb-2024	15-Mar-1990	23-Mar-2024	18-Apr-1990	26-Apr-2024
7-Jan-1990	16-Jan-2024	10-Feb-1990	19-Feb-2024	16-Mar-1990	24-Mar-2024	19-Apr-1990	27-Apr-2024
8-Jan-1990	17-Jan-2024	11-Feb-1990	20-Feb-2024	17-Mar-1990	25-Mar-2024	20-Apr-1990	28-Apr-2024
9-Jan-1990	18-Jan-2024	12-Feb-1990	21-Feb-2024	18-Mar-1990	26-Mar-2024	21-Apr-1990	29-Apr-2024
10-Jan-1990	19-Jan-2024	13-Feb-1990	22-Feb-2024	19-Mar-1990	27-Mar-2024	22-Apr-1990	30-Apr-2024
11-Jan-1990	20-Jan-2024	14-Feb-1990	23-Feb-2024	20-Mar-1990	28-Mar-2024	23-Apr-1990	1-May-2024
12-Jan-1990	21-Jan-2024	15-Feb-1990	24-Feb-2024	21-Mar-1990	29-Mar-2024	24-Apr-1990	2-May-2024
13-Jan-1990	22-Jan-2024	16-Feb-1990	25-Feb-2024	22-Mar-1990	30-Mar-2024	25-Apr-1990	3-May-2024
14-Jan-1990	23-Jan-2024	17-Feb-1990	26-Feb-2024	23-Mar-1990	31-Mar-2024	26-Apr-1990	4-May-2024
15-Jan-1990	24-Jan-2024	18-Feb-1990	27-Feb-2024	24-Mar-1990	1-Apr-2024	27-Apr-1990	5-May-2024
16-Jan-1990	25-Jan-2024	19-Feb-1990	28-Feb-2024	25-Mar-1990	2-Apr-2024	28-Apr-1990	6-May-2024
17-Jan-1990	26-Jan-2024	20-Feb-1990	29-Feb-2024	26-Mar-1990	3-Apr-2024	29-Apr-1990	7-May-2024
18-Jan-1990	27-Jan-2024	21-Feb-1990	1-Mar-2024	27-Mar-1990	4-Apr-2024	30-Apr-1990	8-May-2024
19-Jan-1990	28-Jan-2024	22-Feb-1990	2-Mar-2024	28-Mar-1990	5-Apr-2024	1-May-1990	9-May-2024
20-Jan-1990	29-Jan-2024	23-Feb-1990	3-Mar-2024	29-Mar-1990	6-Apr-2024	2-May-1990	10-May-2024
21-Jan-1990	30-Jan-2024	24-Feb-1990	4-Mar-2024	30-Mar-1990	7-Apr-2024	3-May-1990	11-May-2024
22-Jan-1990	31-Jan-2024	25-Feb-1990	5-Mar-2024	31-Mar-1990	8-Apr-2024	4-May-1990	12-May-2024
23-Jan-1990	1-Feb-2024	26-Feb-1990	6-Mar-2024	1-Apr-1990	9-Apr-2024	5-May-1990	13-May-2024
24-Jan-1990	2-Feb-2024	27-Feb-1990	7-Mar-2024	2-Apr-1990	10-Apr-2024	6-May-1990	14-May-2024
25-Jan-1990	3-Feb-2024	28-Feb-1990	8-Mar-2024	3-Apr-1990	11-Apr-2024	7-May-1990	15-May-2024
26-Jan-1990	4-Feb-2024	1-Mar-1990	9-Mar-2024	4-Apr-1990	12-Apr-2024	8-May-1990	16-May-2024
27-Jan-1990	5-Feb-2024	2-Mar-1990	10-Mar-2024	5-Apr-1990	13-Apr-2024	9-May-1990	17-May-2024
28-Jan-1990	6-Feb-2024	3-Mar-1990	11-Mar-2024	6-Apr-1990	14-Apr-2024	10-May-1990	18-May-2024
29-Jan-1990	7-Feb-2024	4-Mar-1990	12-Mar-2024	7-Apr-1990	15-Apr-2024	11-May-1990	19-May-2024
30-Jan-1990	8-Feb-2024	5-Mar-1990	13-Mar-2024	8-Apr-1990	16-Apr-2024	12-May-1990	20-May-2024
31-Jan-1990	9-Feb-2024	6-Mar-1990	14-Mar-2024	9-Apr-1990	17-Apr-2024	13-May-1990	21-May-2024
1-Feb-1990	10-Feb-2024	7-Mar-1990	15-Mar-2024	10-Apr-1990	18-Apr-2024	14-May-1990	22-May-2024
2-Feb-1990	11-Feb-2024	8-Mar-1990	16-Mar-2024	11-Apr-1990	19-Apr-2024	15-May-1990	23-May-2024
3-Feb-1990	12-Feb-2024	9-Mar-1990	17-Mar-2024	12-Apr-1990	20-Apr-2024	16-May-1990	24-May-2024

Displayed Date	Approximate Date	Displayed Date	Approximate Date	Displayed Date	Approximate Date	Displayed Date	Approximate Date
17-May-1990	25-May-2024	4-Jul-1990	12-Jul-2024	21-Aug-1990	29-Aug-2024	8-Oct-1990	16-Oct-2024
18-May-1990	26-May-2024	5-Jul-1990	13-Jul-2024	22-Aug-1990	30-Aug-2024	9-Oct-1990	17-Oct-2024
19-May-1990	27-May-2024	6-Jul-1990	14-Jul-2024	23-Aug-1990	31-Aug-2024	10-Oct-1990	18-Oct-2024
20-May-1990	28-May-2024	7-Jul-1990	15-Jul-2024	24-Aug-1990	1-Sep-2024	11-Oct-1990	19-Oct-2024
21-May-1990	29-May-2024	8-Jul-1990	16-Jul-2024	25-Aug-1990	2-Sep-2024	12-Oct-1990	20-Oct-2024
22-May-1990	30-May-2024	9-Jul-1990	17-Jul-2024	26-Aug-1990	3-Sep-2024	13-Oct-1990	21-Oct-2024
23-May-1990	31-May-2024	10-Jul-1990	18-Jul-2024	27-Aug-1990	4-Sep-2024	14-Oct-1990	22-Oct-2024
24-May-1990	1-Jun-2024	11-Jul-1990	19-Jul-2024	28-Aug-1990	5-Sep-2024	15-Oct-1990	23-Oct-2024
25-May-1990	2-Jun-2024	12-Jul-1990	20-Jul-2024	29-Aug-1990	6-Sep-2024	16-Oct-1990	24-Oct-2024
26-May-1990	3-Jun-2024	13-Jul-1990	21-Jul-2024	30-Aug-1990	7-Sep-2024	17-Oct-1990	25-Oct-2024
27-May-1990	4-Jun-2024	14-Jul-1990	22-Jul-2024	31-Aug-1990	8-Sep-2024	18-Oct-1990	26-Oct-2024
28-May-1990	5-Jun-2024	15-Jul-1990	23-Jul-2024	1-Sep-1990	9-Sep-2024	19-Oct-1990	27-Oct-2024
29-May-1990	6-Jun-2024	16-Jul-1990	24-Jul-2024	2-Sep-1990	10-Sep-2024	20-Oct-1990	28-Oct-2024
30-May-1990	7-Jun-2024	17-Jul-1990	25-Jul-2024	3-Sep-1990	11-Sep-2024	21-Oct-1990	29-Oct-2024
31-May-1990	8-Jun-2024	18-Jul-1990	26-Jul-2024	4-Sep-1990	12-Sep-2024	22-Oct-1990	30-Oct-2024
1-Jun-1990	9-Jun-2024	19-Jul-1990	27-Jul-2024	5-Sep-1990	13-Sep-2024	23-Oct-1990	31-Oct-2024
2-Jun-1990	10-Jun-2024	20-Jul-1990	28-Jul-2024	6-Sep-1990	14-Sep-2024	24-Oct-1990	1-Nov-2024
3-Jun-1990	11-Jun-2024	21-Jul-1990	29-Jul-2024	7-Sep-1990	15-Sep-2024	25-Oct-1990	2-Nov-2024
4-Jun-1990	12-Jun-2024	22-Jul-1990	30-Jul-2024	8-Sep-1990	16-Sep-2024	26-Oct-1990	3-Nov-2024
5-Jun-1990	13-Jun-2024	23-Jul-1990	31-Jul-2024	9-Sep-1990	17-Sep-2024	27-Oct-1990	4-Nov-2024
6-Jun-1990	14-Jun-2024	24-Jul-1990	1-Aug-2024	10-Sep-1990	18-Sep-2024	28-Oct-1990	5-Nov-2024
7-Jun-1990	15-Jun-2024	25-Jul-1990	2-Aug-2024	11-Sep-1990	19-Sep-2024	29-Oct-1990	6-Nov-2024
8-Jun-1990	16-Jun-2024	26-Jul-1990	3-Aug-2024	12-Sep-1990	20-Sep-2024	30-Oct-1990	7-Nov-2024
9-Jun-1990	17-Jun-2024	27-Jul-1990	4-Aug-2024	13-Sep-1990	21-Sep-2024	31-Oct-1990	8-Nov-2024
10-Jun-1990	18-Jun-2024	28-Jul-1990	5-Aug-2024	14-Sep-1990	22-Sep-2024	1-Nov-1990	9-Nov-2024
11-Jun-1990	19-Jun-2024	29-Jul-1990	6-Aug-2024	15-Sep-1990	23-Sep-2024	2-Nov-1990	10-Nov-2024
12-Jun-1990	20-Jun-2024	30-Jul-1990	7-Aug-2024	16-Sep-1990	24-Sep-2024	3-Nov-1990	11-Nov-2024
13-Jun-1990	21-Jun-2024	31-Jul-1990	8-Aug-2024	17-Sep-1990	25-Sep-2024	4-Nov-1990	12-Nov-2024
14-Jun-1990	22-Jun-2024	1-Aug-1990	9-Aug-2024	18-Sep-1990	26-Sep-2024	5-Nov-1990	13-Nov-2024
15-Jun-1990	23-Jun-2024	2-Aug-1990	10-Aug-2024	19-Sep-1990	27-Sep-2024	6-Nov-1990	14-Nov-2024
16-Jun-1990	24-Jun-2024	3-Aug-1990	11-Aug-2024	20-Sep-1990	28-Sep-2024	7-Nov-1990	15-Nov-2024
17-Jun-1990	25-Jun-2024	4-Aug-1990	12-Aug-2024	21-Sep-1990	29-Sep-2024	8-Nov-1990	16-Nov-2024
18-Jun-1990	26-Jun-2024	5-Aug-1990	13-Aug-2024	22-Sep-1990	30-Sep-2024	9-Nov-1990	17-Nov-2024
19-Jun-1990	27-Jun-2024	6-Aug-1990	14-Aug-2024	23-Sep-1990	1-Oct-2024	10-Nov-1990	18-Nov-2024
20-Jun-1990	28-Jun-2024	7-Aug-1990	15-Aug-2024	24-Sep-1990	2-Oct-2024	11-Nov-1990	19-Nov-2024
21-Jun-1990	29-Jun-2024	8-Aug-1990	16-Aug-2024	25-Sep-1990	3-Oct-2024	12-Nov-1990	20-Nov-2024
22-Jun-1990	30-Jun-2024	9-Aug-1990	17-Aug-2024	26-Sep-1990	4-Oct-2024	13-Nov-1990	21-Nov-2024
23-Jun-1990	1-Jul-2024	10-Aug-1990	18-Aug-2024	27-Sep-1990	5-Oct-2024	14-Nov-1990	22-Nov-2024
24-Jun-1990	2-Jul-2024	11-Aug-1990	19-Aug-2024	28-Sep-1990	6-Oct-2024	15-Nov-1990	23-Nov-2024
25-Jun-1990	3-Jul-2024	12-Aug-1990	20-Aug-2024	29-Sep-1990	7-Oct-2024	16-Nov-1990	24-Nov-2024
26-Jun-1990	4-Jul-2024	13-Aug-1990	21-Aug-2024	30-Sep-1990	8-Oct-2024	17-Nov-1990	25-Nov-2024
27-Jun-1990	5-Jul-2024	14-Aug-1990	22-Aug-2024	1-Oct-1990	9-Oct-2024	18-Nov-1990	26-Nov-2024
28-Jun-1990	6-Jul-2024	15-Aug-1990	23-Aug-2024	2-Oct-1990	10-Oct-2024	19-Nov-1990	27-Nov-2024
29-Jun-1990	7-Jul-2024	16-Aug-1990	24-Aug-2024	3-Oct-1990	11-Oct-2024	20-Nov-1990	28-Nov-2024
30-Jun-1990	8-Jul-2024	17-Aug-1990	25-Aug-2024	4-Oct-1990	12-Oct-2024	21-Nov-1990	29-Nov-2024
1-Jul-1990	9-Jul-2024	18-Aug-1990	26-Aug-2024	5-Oct-1990	13-Oct-2024	22-Nov-1990	30-Nov-2024
2-Jul-1990	10-Jul-2024	19-Aug-1990	27-Aug-2024	6-Oct-1990	14-Oct-2024	23-Nov-1990	1-Dec-2024
3-Jul-1990	11-Jul-2024	20-Aug-1990	28-Aug-2024	7-Oct-1990	15-Oct-2024	24-Nov-1990	2-Dec-2024

Displayed Date	Approximate Date	Displayed Date	Approximate Date	Displayed Date	Approximate Date	Displayed Date	Approximate Date
25-Nov-1990	3-Dec-2024	12-Jan-1991	20-Jan-2025	1-Mar-1991	9-Mar-2025	18-Apr-1991	26-Apr-2025
26-Nov-1990	4-Dec-2024	13-Jan-1991	21-Jan-2025	2-Mar-1991	10-Mar-2025	19-Apr-1991	27-Apr-2025
27-Nov-1990	5-Dec-2024	14-Jan-1991	22-Jan-2025	3-Mar-1991	11-Mar-2025	20-Apr-1991	28-Apr-2025
28-Nov-1990	6-Dec-2024	15-Jan-1991	23-Jan-2025	4-Mar-1991	12-Mar-2025	21-Apr-1991	29-Apr-2025
29-Nov-1990	7-Dec-2024	16-Jan-1991	24-Jan-2025	5-Mar-1991	13-Mar-2025	22-Apr-1991	30-Apr-2025
30-Nov-1990	8-Dec-2024	17-Jan-1991	25-Jan-2025	6-Mar-1991	14-Mar-2025	23-Apr-1991	1-May-2025
1-Dec-1990	9-Dec-2024	18-Jan-1991	26-Jan-2025	7-Mar-1991	15-Mar-2025	24-Apr-1991	2-May-2025
2-Dec-1990	10-Dec-2024	19-Jan-1991	27-Jan-2025	8-Mar-1991	16-Mar-2025	25-Apr-1991	3-May-2025
3-Dec-1990	11-Dec-2024	20-Jan-1991	28-Jan-2025	9-Mar-1991	17-Mar-2025	26-Apr-1991	4-May-2025
4-Dec-1990	12-Dec-2024	21-Jan-1991	29-Jan-2025	10-Mar-1991	18-Mar-2025	27-Apr-1991	5-May-2025
5-Dec-1990	13-Dec-2024	22-Jan-1991	30-Jan-2025	11-Mar-1991	19-Mar-2025	28-Apr-1991	6-May-2025
6-Dec-1990	14-Dec-2024	23-Jan-1991	31-Jan-2025	12-Mar-1991	20-Mar-2025	29-Apr-1991	7-May-2025
7-Dec-1990	15-Dec-2024	24-Jan-1991	1-Feb-2025	13-Mar-1991	21-Mar-2025	30-Apr-1991	8-May-2025
8-Dec-1990	16-Dec-2024	25-Jan-1991	2-Feb-2025	14-Mar-1991	22-Mar-2025	1-May-1991	9-May-2025
9-Dec-1990	17-Dec-2024	26-Jan-1991	3-Feb-2025	15-Mar-1991	23-Mar-2025	2-May-1991	10-May-2025
10-Dec-1990	18-Dec-2024	27-Jan-1991	4-Feb-2025	16-Mar-1991	24-Mar-2025	3-May-1991	11-May-2025
11-Dec-1990	19-Dec-2024	28-Jan-1991	5-Feb-2025	17-Mar-1991	25-Mar-2025	4-May-1991	12-May-2025
12-Dec-1990	20-Dec-2024	29-Jan-1991	6-Feb-2025	18-Mar-1991	26-Mar-2025	5-May-1991	13-May-2025
13-Dec-1990	21-Dec-2024	30-Jan-1991	7-Feb-2025	19-Mar-1991	27-Mar-2025	6-May-1991	14-May-2025
14-Dec-1990	22-Dec-2024	31-Jan-1991	8-Feb-2025	20-Mar-1991	28-Mar-2025	7-May-1991	15-May-2025
15-Dec-1990	23-Dec-2024	1-Feb-1991	9-Feb-2025	21-Mar-1991	29-Mar-2025	8-May-1991	16-May-2025
16-Dec-1990	24-Dec-2024	2-Feb-1991	10-Feb-2025	22-Mar-1991	30-Mar-2025	9-May-1991	17-May-2025
17-Dec-1990	25-Dec-2024	3-Feb-1991	11-Feb-2025	23-Mar-1991	31-Mar-2025	10-May-1991	18-May-2025
18-Dec-1990	26-Dec-2024	4-Feb-1991	12-Feb-2025	24-Mar-1991	1-Apr-2025	11-May-1991	19-May-2025
19-Dec-1990	27-Dec-2024	5-Feb-1991	13-Feb-2025	25-Mar-1991	2-Apr-2025	12-May-1991	20-May-2025
20-Dec-1990	28-Dec-2024	6-Feb-1991	14-Feb-2025	26-Mar-1991	3-Apr-2025	13-May-1991	21-May-2025
21-Dec-1990	29-Dec-2024	7-Feb-1991	15-Feb-2025	27-Mar-1991	4-Apr-2025	14-May-1991	22-May-2025
22-Dec-1990	30-Dec-2024	8-Feb-1991	16-Feb-2025	28-Mar-1991	5-Apr-2025	15-May-1991	23-May-2025
23-Dec-1990	31-Dec-2024	9-Feb-1991	17-Feb-2025	29-Mar-1991	6-Apr-2025	16-May-1991	24-May-2025
24-Dec-1990	1-Jan-2025	10-Feb-1991	18-Feb-2025	30-Mar-1991	7-Apr-2025	17-May-1991	25-May-2025
25-Dec-1990	2-Jan-2025	11-Feb-1991	19-Feb-2025	31-Mar-1991	8-Apr-2025	18-May-1991	26-May-2025
26-Dec-1990	3-Jan-2025	12-Feb-1991	20-Feb-2025	1-Apr-1991	9-Apr-2025	19-May-1991	27-May-2025
27-Dec-1990	4-Jan-2025	13-Feb-1991	21-Feb-2025	2-Apr-1991	10-Apr-2025	20-May-1991	28-May-2025
28-Dec-1990	5-Jan-2025	14-Feb-1991	22-Feb-2025	3-Apr-1991	11-Apr-2025	21-May-1991	29-May-2025
29-Dec-1990	6-Jan-2025	15-Feb-1991	23-Feb-2025	4-Apr-1991	12-Apr-2025	22-May-1991	30-May-2025
30-Dec-1990	7-Jan-2025	16-Feb-1991	24-Feb-2025	5-Apr-1991	13-Apr-2025	23-May-1991	31-May-2025
31-Dec-1990	8-Jan-2025	17-Feb-1991	25-Feb-2025	6-Apr-1991	14-Apr-2025	24-May-1991	1-Jun-2025
1-Jan-1991	9-Jan-2025	18-Feb-1991	26-Feb-2025	7-Apr-1991	15-Apr-2025	25-May-1991	2-Jun-2025
2-Jan-1991	10-Jan-2025	19-Feb-1991	27-Feb-2025	8-Apr-1991	16-Apr-2025	26-May-1991	3-Jun-2025
3-Jan-1991	11-Jan-2025	20-Feb-1991	28-Feb-2025	9-Apr-1991	17-Apr-2025	27-May-1991	4-Jun-2025
4-Jan-1991	12-Jan-2025	21-Feb-1991	1-Mar-2025	10-Apr-1991	18-Apr-2025	28-May-1991	5-Jun-2025
5-Jan-1991	13-Jan-2025	22-Feb-1991	2-Mar-2025	11-Apr-1991	19-Apr-2025	29-May-1991	6-Jun-2025
6-Jan-1991	14-Jan-2025	23-Feb-1991	3-Mar-2025	12-Apr-1991	20-Apr-2025	30-May-1991	7-Jun-2025
7-Jan-1991	15-Jan-2025	24-Feb-1991	4-Mar-2025	13-Apr-1991	21-Apr-2025	31-May-1991	8-Jun-2025
8-Jan-1991	16-Jan-2025	25-Feb-1991	5-Mar-2025	14-Apr-1991	22-Apr-2025	1-Jun-1991	9-Jun-2025
9-Jan-1991	17-Jan-2025	26-Feb-1991	6-Mar-2025	15-Apr-1991	23-Apr-2025	2-Jun-1991	10-Jun-2025
10-Jan-1991	18-Jan-2025	27-Feb-1991	7-Mar-2025	16-Apr-1991	24-Apr-2025	3-Jun-1991	11-Jun-2025
11-Jan-1991	19-Jan-2025	28-Feb-1991	8-Mar-2025	17-Apr-1991	25-Apr-2025	4-Jun-1991	12-Jun-2025