

## Validated Interfaces:

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Elekta MOSAIQ v2.41
Elekta iCOM v13
Elekta XVI v4.5
VisionRT AlignRT v5.0.517, v5.0.1691
Varian 4DTC v11.1.5, v13.0.20
Varian OBI v1.5.20, v1.6.10
Varian ARIA v11

## For all Protura Systems:

<b>Ref #</b>	<b>Errata Item</b>	<b>Comments and Recommendations</b>
PRO-38	Duplicate Access Keys are allowed when importing a configuration file containing multiple IGRT configuration files.	Ensure each IGRT System has a unique Access Key.
PRO-82	In Configurations   IGRT Coordinate Systems, if IGRT Coordinate System Data Type is set to 'Offsets' and Couch Rotation Compensation checkbox is checked, validation on Proposed Values fields does not take rotation compensation into account resulting in some allowable shifts being displayed as 'not possible'.	Try one or more of the following: <ul style="list-style-type: none"> <li>• If a redundant error appears, move couch to Zero Position and send shifts again.</li> <li>• Split shifts by applying translational shifts with pedestal and rotational shifts with Protura.</li> <li>• If there is one larger shift (e.g. pitch is 2.5), enter large shift only and select "Move." When prompted to select Yes or No to "Continue to Treatment," select "No," and enter other shifts. Always verify Protura has applied all necessary shifts before treating.</li> <li>• Enter smaller values for large rotational shifts (e.g. 2.4 instead of 2.5) to determine largest rotational values allowed by Protura.</li> </ul>

## For Multiple Protura System Clinical Environments:

<b>Ref #</b>	<b>Errata Item</b>	<b>Comments and Recommendations</b>
PRO-143	In a clinical environment with two Protura Systems configured using a single patient database, when the user at one Protura workstation is attempting to delete a patient record, that same patient record can be loaded on the other Protura workstation. All workflows at the Protura workstation where the patient record is loaded will be performed as directed (i.e., shifts will be applied as directed), but these workflows will not be saved in the database.	When deleting patient records, users should confirm that that patient record is not currently loaded on the other Protura workstation.

## For Protura System interfaced with Varian System:

<b>Ref #</b>	<b>Errata Item</b>	<b>Comments and Recommendations</b>
N/A	Varian ARIA Offline Review provides Pitch and Roll values with opposite sign conventions (+/-) than what was saved in OBI v1.5. Therefore, Protura Patient Reports will have opposite sign values for Pitch and Roll as compared to Offline Review.	This issue was resolved by Varian in OBI V1.6.
PRO-2243	The Protura does not authorize a treatment beam.	Try one or more of the following: <ul style="list-style-type: none"> <li>• Clear treatment field on Varian 4DTC, re-Mode Up field in Varian 4DTC.</li> <li>• OR Clear field on 4DTC, Unlock Protura from Ready to Authorize message, Press Move (with zero shift values), Yes to Ready for Treatment message, re-Mode Up treatment field in 4DTC.</li> <li>• OR Clear field on 4DTC, use Task Manager to force close the Protura application, re-open the application, re-Mode Up treatment field in 4DTC.</li> </ul>
PRO-2371	When using ARIA v11+ and the patient requires a new simulation scan during a fractionated treatment schedule, the OBI shift alignment for the following treatment fractions will import incorrectly. The Protura software Proposed Values will display large translation values.	<p><i>Configured for All 6 degrees Protura:</i> Following the Save Match, the Proposed shift values in Protura will display in red and a move attempt will provide a user error. The user will need to enter the Proposed Values manually prior to selection Move.</p> <p><i>Configured for Varian Integration with Pedestal Shifts:</i> Following the Save Match, the Proposed shift values will display with large translation values. The user will need to enter in the Proposed Values manually prior to selection Move.</p> <p>Attempting a Protura move with the large translations will send the large shifts to the pedestal, which may result in an error based on the Varian Allowable Range. The user should cancel these shifts, Unlock the Pedestal in the Protura software, re-Save Match, and then enter in the Proposed Values manually.</p>

## For Protura System interfaced with Elekta System:

<b>Ref #</b>	<b>Errata Item</b>	<b>Comments and Recommendations</b>
PRO-290	When the Protura software application is closed, the External Inhibit interlock (which prevents the Elekta System from starting treatment when the Protura is in motion) is not enabled.	Launch the Protura software application to enable the External Inhibit interlock.
PRO-1904	Protura buttons greyed out when they should be active.	User needs to click on Protura screen (not hardware buttons) to activate window and buttons.

## For Protura System configured with Remote Control interface:

<b>Ref #</b>	<b>Errata Item</b>	<b>Comments and Recommendations</b>
PRO-89	If Remote Control is enabled and Access Keys are deleted from all IGRT systems, no warning is generated.	Ensure at least one IGRT has an access key when deleting access keys from system.
PRO-1843	All remote moves are reported as being "Not for Treatment" when using API 1.0.	The position of Protura is still correct, only the report is incorrect. The report is only used for historical purposes of pedestal and shift data.
PRO-2090	Remote move sometimes does not display the "UNLOCK" message.	Perform a Zero Position move and select "Yes" which will cause the box to be displayed.
N/A	When Remote Control is enabled, if Protura has a dialog box open while the AlignRT software opens a patient, the AlignRT software will provide a network issue with Protura and close.	<p>Clear any dialog boxes in Protura prior to opening a patient in the AlignRT software.</p> <p>If network issue does occur due to a Protura dialog box being open, prior to reopening AlignRT software, in the Protura software go to Tools/Config..., then close the Configuration screen. This will provide a connection reset in Protura which will allow AlignRT to re-establish connection. Proceed with reopening AlignRT application and patient in AlignRT system.</p>

## Cosmetic Errata:

<b>Ref #</b>	<b>Errata Item</b>	<b>Comments and Recommendations</b>
PRO-120	When a Protura move is initiated and an error message appears (not related to motion), Protura will stop and values in Current Values section show red double dashes rather than current position of Protura.	Unlock and then Lock pedestal to clear red double dashes in Current Values section.
PRO-2089	Need to select "Unlock Pedestal" button twice.	Press the "Unlock Pedestal" button again after the move to Zero Position has finished.