

Scenario ID	JIRA ID name	SW Requirement	SY Requirement	Positive
1	Apply the surgeon's preferences to the initial implant placement.	NA(No requirement present)	NA(No requirement present)	<p>Pre-requisite: Create a new surgeon.</p> <p>Select SPP widget--> Change implant [Journey II XR], deformity[<7 varus, < 10 flex]-->Record preference values-->Quit from SPP--> Create a TKA case with Journey II XR--> Simulate deformity [<7 varus, <10 flex]--> Navigate to Combined planning screen--> Verify that the resection depth, flexion/extension, slope and varus/valgus values are close to the preference values set in SPP</p> <p>Follow the same TC for the implants and deformities specified in Ref 1 table of Reference Sheet</p>

2	NA(No requirement present)	NA(No requirement present)	<p>Pre-requisite: Create a new surgeon.</p> <p>Select SPP widget--> Change implant [Anthem PS], deformity[<7 varus, < 10 flex]-->Record preference values-->Quit from SPP--> Create a TKA case with Anthem PS--> Simulate deformity [<7 varus, <10 flex]--> Navigate to Combined planning screen--> Verify that the resection depth, flexion/extension, slope and varus/valgus values are close to the preference values set in SPP--> Quit case--> Navigate to SPP screen--> Change preference parameters-->Quit from SPP--> Resume case--> Navigate to combined planning screen-->Verify that the resection depth, flexion/extension, slope and varus/valgus values are not close to the preference values set in SPP-->Quit the case--> Reset the case-->Simulate deformity [<7 varus, <10 flex]->Navigate to Combined planning screen--> Verify that the resection depth, flexion/extension, slope and varus/valgus values are close to the preference values set in SPP</p>
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3	NA(No requirement present)	NA(No requirement present)	<p>Select SPP widget--> Change implant [Anthem PS], deformity[<7 varus, < 10 flex]-->Change preference values-->Record preference values-->Quit from SPP--> Create a TKA case with Anthem PS--> Simulate deformity [>7 varus, <10 flex]--> Navigate to Combined planning screen--> Verify that the resection depth, flexion/extension, slope and varus/valgus values are not close to the preference values set in SPP--> Navigate back to Robotic drill connection state and clear points--> Simulate deformity [<7 varus, < 10 flex] --> Navigate to Combined planning screen-->Verify that the resection depth, flexion/extension, slope and varus/valgus values are close to the preference values set in SPP</p>
4	NA(No requirement present)	NA(No requirement present)	<p>Select SPP widget--> Change implant [Legion PS], deformity[<7 valgus, > 10 flex]-->Change preference values-->Record preference values-->Quit from SPP--> Create a TKA case with Anthem PS--> Simulate deformity [<7 valgus, >10 flex]-> Navigate to Combined planning screen--> Verify that the resection depth, flexion/extension, slope and varus/valgus values are not close to the preference values set in SPP-->Change implant to Legion PS-->Verify that the resection depth, flexion/extension, slope and varus/valgus values are close to the preference values set in SPP</p>

5	NA(No requirement present)	NA(No requirement present)	<p>Pre-requisite: Navigate to SPP and change Implant [Legion PS], deformity [<7 varus, <10 flex]. Quit after changing parameters. Record the values</p> <p>Create a TKA case--> Simulate [<7 varus, <10 flex]--> Navigate till Tibia free collection state--> Quit--> Naviagte to SPP screen--> Change preference parameters--> Record the updated values--> Quit--> Resume case-->Simulate [<7 varus, ,< 10 flex]--> Navigate till Combined planning screen--> Verify the resection depth, varus/valgus, flexion/extention and slope values are similar to values updated in SPP screen</p>
6	NA(No requirement present)	NA(No requirement present)	

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Negative	Boundary Analysis
<p>Select SPP widget--> Change implant [Journey II CR], deformity[<7 varus, < 10 flex]-->Record preference values-->Quit from SPP--> Create a TKA case with Journey II CR--> Simulate deformity [>7 varus, >10 flex]--> Navigate to Combined planning screen--> Verify that the resection depth, flexion/extention, slope and varus/valgus values are not close to the preference values set in SPP</p>	<p>NA</p>

<p>Select SPP widget--> Change implant [Journey II BCS], deformity[<7 valgus, < 10 flex]-->Record preference values-->Quit from SPP--> Create a TKA case with Legion PS--> Simulate deformity [<7 valgus, <10 flex]--> Navigate to Combined planning screen--> Verify that the resection depth, flexion/extention, slope and varus/valgus values are not close to the preference values set in SPP</p>	
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Select **SPP widget**--> Change **implant [Journey II BCS], deformity[<7 valgus, < 10 flex]**-->Change **preference parameters-->Record preference values-->Quit** from SPP--> Create a **TKA case with Journey II BCS**--> Simulate **deformity [<7 valgus, >10 flex]**--> Navigate to **Combined planning** screen--> Verify that the **resection depth, flexion/extension, slope and varus/valgus values** are **not close to the preference values set in SPP**

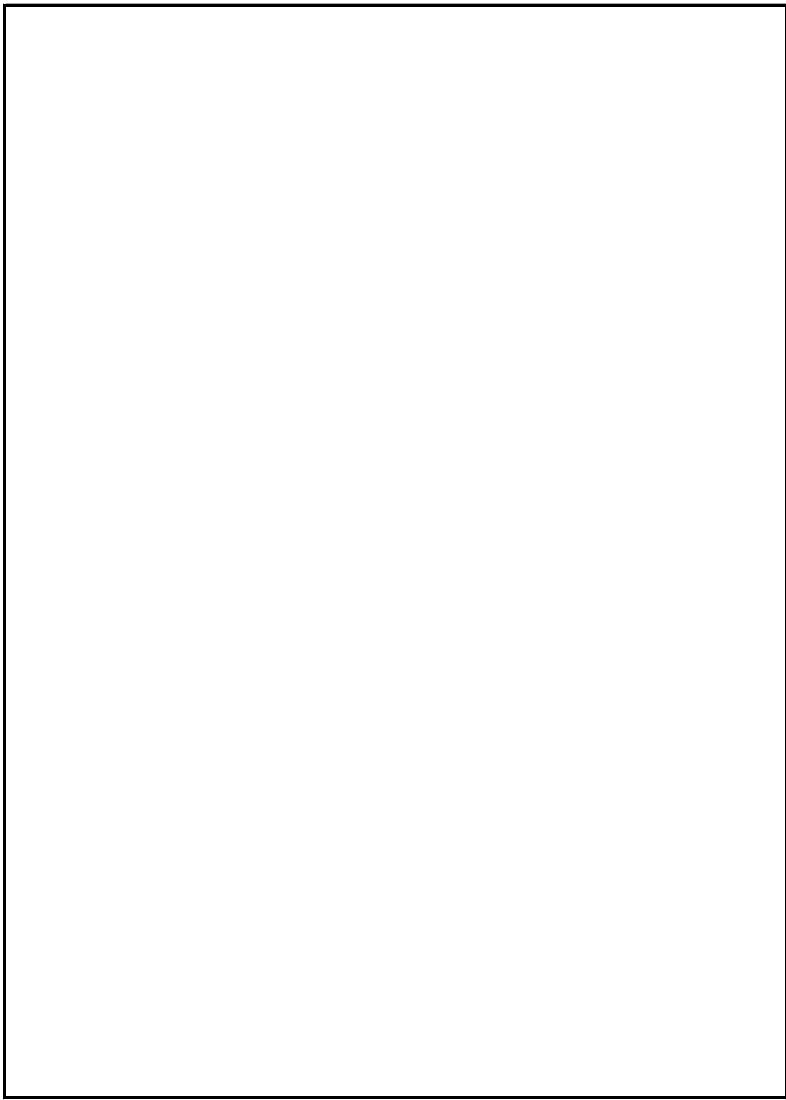
Continue from **H4**--> **Quit** from case--> **Select SPP widget**--> Select **deformity [<7 valgus, > 10 flex]**--> **Change preference parameters--> Record preference values--> Quit** from SPP--> **Resume** the case created in **H4**-->Navigate to **Combined planning**--> Verify that the resection depth, flexion/extension, slope and varus/valgus values **are not close to the preference values set in SPP**--> Select **more options widget**--> click **Reset to personalized for femur and tibia buttons**--> **Verify that the resection depth, flexion/extension, slope and varus/valgus values are close to the preference values set in SPP**

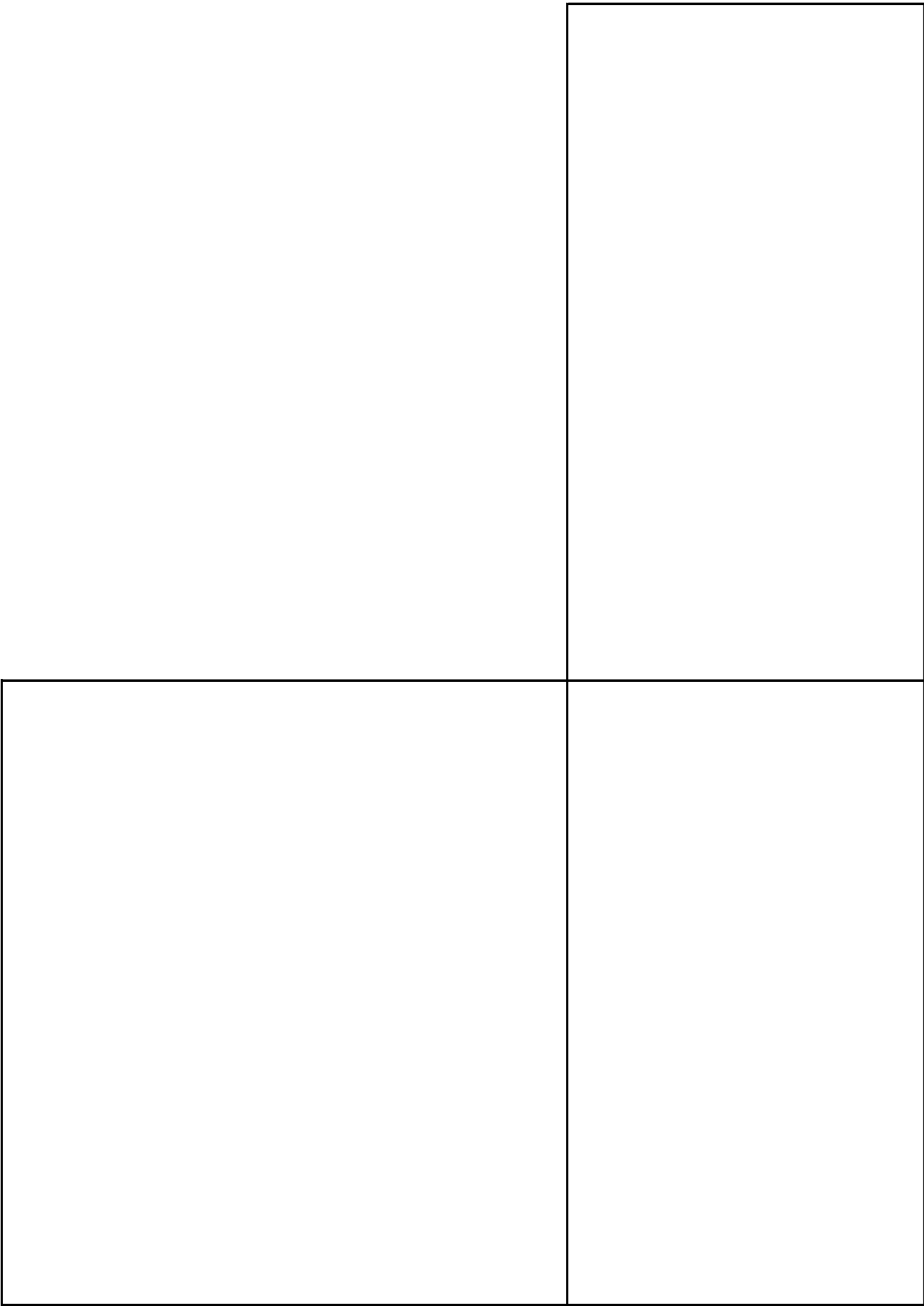
Pre-requisite: Create a TKA case [Legion CR and deformity <7 valgus <10 flex] in software version 1.7 or earlier and complete it with good points

Upgrade the software version-->Naviagate to **SPP screen**--> Choose **Legion CR and <7 valgus <10 flex**--> change **preference parameters**--> **Record** the values-->**Quit**--> **Resume** case-->Navigate till **Combined planning screen**--> Verify the resection depth, varus/valgus, flexion/extention and slope values **are not similar to values updated in SPP screen**--> **Quit** case and reset the case and simulate deformity **<7 valgus <10 flex**--> Navigate till combined planning screen--> Verify the **resection depth, varus/valgus, flexion/extention and slope values are similar to values updated in SPP screen**

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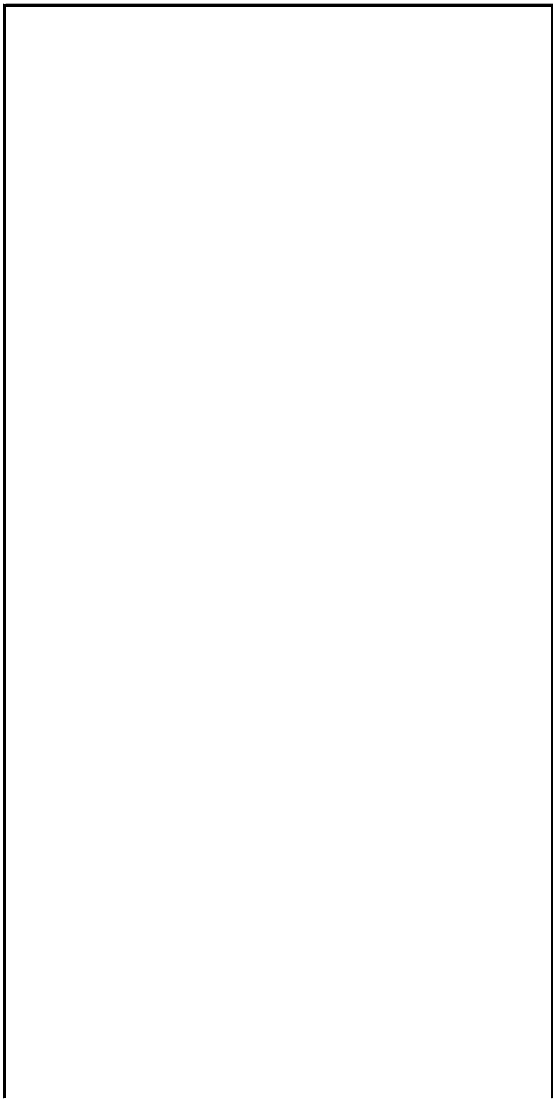
State Transition	Combination Testing
<p>Continue from G2[Not for all implants, continue from the implant that was set last]--> Quit from case and surgeon-->Navigate to SPP--> Select implant Journey II XR and deformity [<7 varus, <10 flex]--> Quit ffrom SPP-->Login as a different surgeon--> Create a TKA case with Journey II XR--> Simulate deformity [<7 varus, <10 flex]--> Navigate to Combined planning screen--> Verify that the resection depth, flexion/extention, slope and varus/valgus values are not close to the preference values set in SPP for previous surgeon</p>	<p>Pre-requisite: Create a new surgeon.</p> <p>Select SPP widget--> Change implant [Journey II XR], deformity[>7 varus, < 10 flex]-->Record preference values-->Quit from SPP--> Create a TKA case with Journey II XR--> Simulate deformity [<7 varus, <10 flex]--> Navigate to Combined planning screen--> Verify that the resection depth, flexion/extention, slope and varus/valgus values are close to the preference values set in SPP--> Quit case--> Navigate to SPP widget--> Update preference values--> Record the values--> Quit--> Resume case--> Navigate to Combined planning screen--> Verify that the resection depth, flexion/extention, slope and varus/valgus values are not close to the preference values set in SPP--> Quit the case--> Navigate to SPP widget-->change deformity [<7 valgus, <10 flex]--> Record values--> Quit --> Reset case-->Simulate deformity [<7 valgus, <10 flex]--> Navigate to Combined planning screen--> Verify that the resection depth, flexion/extention, slope and</p>





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Remarks	Linked JIRA ID
<p>Reset scenarios are added in RIOSI-932 and RIOSI-933</p>	<p>Linked Epic: https://smith-nephew.atlassian.net/browse/RIOSI-934</p>



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