



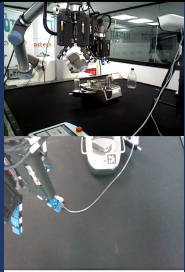
## (End-User) Auto-Generated Audit Trail

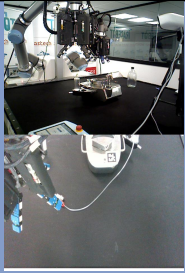
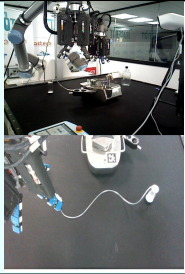
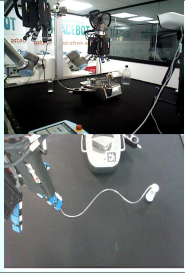
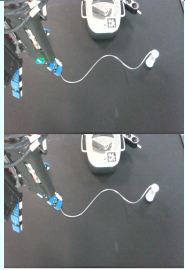
**Episode** : Grounded Canister Insertion Process

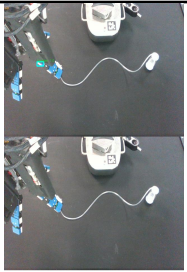
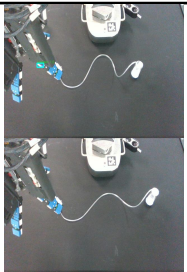

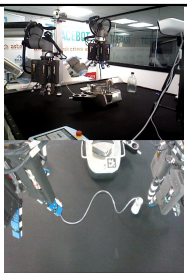
**Duration** : 20.02.2025, 10:34:22 - 20.02.2025, 10:39:58

**Status** : **Failed** / --[Successful]-- / Interrupted / Pending

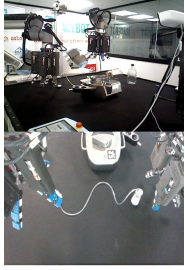
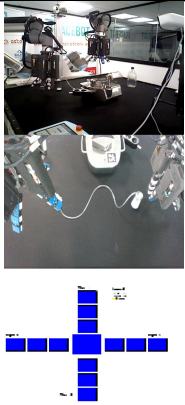
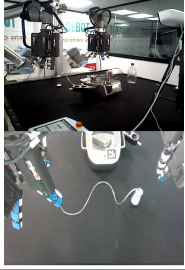
**Confidence** : **98.49%**

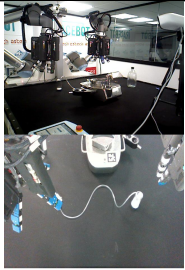
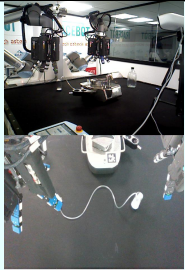
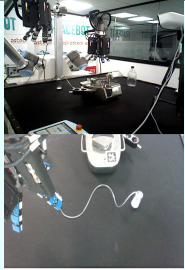
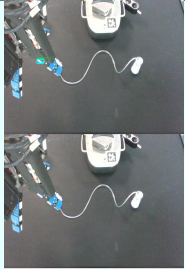
Action Designator	Executive Module	Participants	Execution Timeslot	Status	Confidence Level	Verbal Explanation	Non-verbal Explanation	Recovery Explanation
Fitting Insertable Into Insertee	Reasoning ; Manipulation ; Planning ; Perception	Robot@TraceBot	20.02.2025, 10:34:22 - 20.02.2025, 10:39:58	Successful	98.49%	All constitutive subactions were successful. Additionally, All constitutive subactions were feasible		Nothing to recover

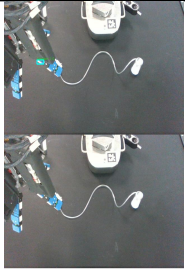
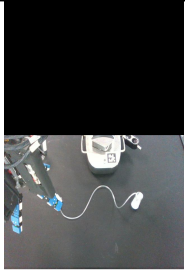
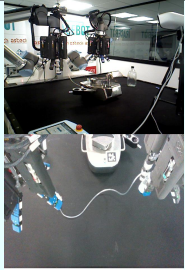
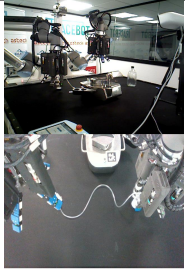
1. Fitting Insertable Into Insertee	<i>Reasoning ; Manipulation ; Planning ; Perception</i>	Robot@TraceBot	20.02.2025, 10:34:23 - 20.02.2025, 10:39:50	Successful	96.7%	All constitutive subactions were successful. Also,, This action is feasible		Nothing to recover
1.1. Setting Gripper	<i>Manipulation</i>	Robot@TraceBot	20.02.2025, 10:34:25 - 20.02.2025, 10:34:29	Successful	99.42%	This action is feasible		Nothing to recover
1.2. Parking Arms	<i>Manipulation</i>	Robot@TraceBot	20.02.2025, 10:34:32 - 20.02.2025, 10:34:37	Successful	99.56%	This action is feasible		Nothing to recover
1.3. Traceable Locating	<i>Reasoning ; Perception</i>	SensorRole: HeadRobotCamera@435D PXGBERDU; Patient: Canister;	20.02.2025, 10:34:40 - 20.02.2025, 10:34:58	Successful	99.03%	All constitutive subactions were successful. Additionally, This action is feasible		Nothing to recover

1.3.1. Locating	<i>Perception</i>	SensorRole: ; Patient: ;	20.02.2025, 10:34:42 - 20.02.2025, 10:34:49	Successful	99.79%	<i>This action is feasible</i>		<i>Nothing to recover</i>
1.3.2. Verifying Pose	<i>Reasoning</i>	Patient: ;	20.02.2025, 10:34:52 - 20.02.2025, 10:34:55	Successful	99.75%	<i>This action is feasible</i>		<i>Nothing to recover</i>
1.4. Traceable Pinking Up	<i>Reasoning ; Manipulation ; Planning</i>	ActorRole: RightRobotGripper@CEA IWUQLYNC; Patient: Canister UQYEMNXZ;	20.02.2025, 10:35:03 - 20.02.2025, 10:36:18	Failed	98.42%	<i>At least one constitutive subaction has failed. Additionally, This action is not feasible</i>		<i>The agent should recover from this failure.</i>
1.4.1. Traceable Pinking Up	<i>Reasoning ; Manipulation ; Planning</i>	ActorRole: RightRobotGripper@CEA IWUQLYNC; Patient: Canister UQYEMNXZ;	20.02.2025, 10:35:05 - 20.02.2025, 10:35:59	Failed	98.67%	<i>At least one constitutive subaction has failed. Also,, This action is feasible</i>		<i>The agent should recover from this failure.</i>

1.4.1.1. Setting Gripper	Manipulation	ActorRole: RightRobotGripper@CEA IWUQLYNC;	20.02.2025, 10:35:07 - 20.02.2025, 10:35:10	Successful	99.61%	This action is feasible		Nothing to recover
1.4.1.2. Reaching	Reasoning ; Manipulation ; Planning	ActorRole: RightRobotGripper@CEA IWUQLYNC; Patient: Canister UQYEMNXZ;	20.02.2025, 10:35:13 - 20.02.2025, 10:35:38	Successful	98.65%	All constitutive subactions were successful. Furthermore, This action is feasible		Nothing to recover
1.4.1.2.1. Planning Motion	Reasoning ; Planning	Robot@TraceBot	20.02.2025, 10:35:15 - 20.02.2025, 10:35:16	Successful	99.02%	This action is feasible		Nothing to recover
1.4.1.2.2. Reaching	Manipulation	ActorRole: RightRobotGripper@CEA IWUQLYNC;	20.02.2025, 10:35:20 - 20.02.2025, 10:35:27	Successful	99.27%	This action is feasible		Nothing to recover

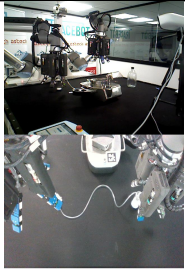
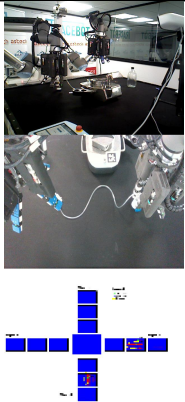
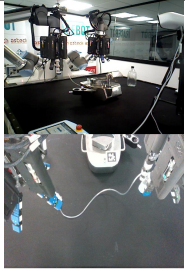
1.4.1.2.3. Reaching	Manipulation	ActorRole: RightRobotGripper@CEA IWUQLYNC;	20.02.2025, 10:35:31 - 20.02.2025, 10:35:35	Successful	99.43%	This action is feasible		Nothing to recover
1.4.1.3. Grasping	Manipulation	ActorRole: RightRobotGripper@CEA IWUQLYNC; Patient: Canister UQYEMNXZ;	20.02.2025, 10:35:43 - 20.02.2025, 10:35:50	Failed	99.93%	The right gripper is not in contact with an object with confidence 1.0000. Additionally, This action is feasible		The agent should recover from this failure.
1.4.2. Lifting	Manipulation	ActorRole: RightRobotGripper@CEA IWUQLYNC; Patient: Canister UQYEMNXZ;	20.02.2025, 10:36:04 - 20.02.2025, 10:36:14	Successful	99.35%	All constitutive subactions were successful. Furthermore, This action is feasible		Nothing to recover

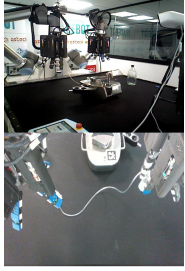
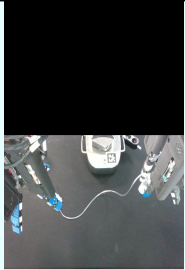
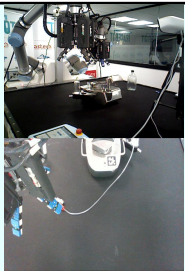
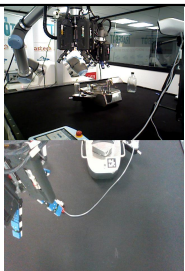
1.4.2.1. Reaching	Manipulation	ActorRole: RightRobotGripper@CEA IWUQLYNC;	20.02.2025, 10:36:06 - 20.02.2025, 10:36:11	Successful	99.28%	This action is feasible		Nothing to recover
1.5. Setting Gripper	Manipulation	Robot@TraceBot	20.02.2025, 10:36:22 - 20.02.2025, 10:36:26	Successful	99.87%	This action is feasible		Nothing to recover
1.6. Parking Arms	Manipulation	Robot@TraceBot	20.02.2025, 10:36:29 - 20.02.2025, 10:36:33	Successful	99.73%	This action is feasible		Nothing to recover
1.7. Traceable Locating	Reasoning ; Perception	SensorRole: HeadRobotCamera@435D PXGBERDU; Patient: Canister;	20.02.2025, 10:36:36 - 20.02.2025, 10:36:53	Successful	98.93%	All constitutive subactions were successful. Also,, This action is feasible		Nothing to recover

1.7.1. Locating	<i>Perception</i>	SensorRole: ; Patient: ;	20.02.2025, 10:36:38 - 20.02.2025, 10:36:44	Successful	99.3%	<i>This action is feasible</i>		<i>Nothing to recover</i>
1.7.2. Verifying Pose	<i>Reasoning</i>	Patient: ;	20.02.2025, 10:36:47 - 20.02.2025, 10:36:49	Successful	99.82%	<i>This action is feasible</i>		<i>Nothing to recover</i>
1.8. Traceable Pinking Up	<i>Reasoning ; Manipulation ; Planning</i>	ActorRole: RightRobotGripper@CEA IWUQLYNC; Patient: Canister UQYEMNXZ;	20.02.2025, 10:36:58 - 20.02.2025, 10:38:19	Successful	99.16%	<i>All constitutive subactions were successful. Furthermore, This action is feasible</i>		<i>Nothing to recover</i>
1.8.1. Traceable Pinking Up	<i>Reasoning ; Manipulation ; Planning</i>	ActorRole: RightRobotGripper@CEA IWUQLYNC; Patient: Canister UQYEMNXZ;	20.02.2025, 10:37:05 - 20.02.2025, 10:38:01	Successful	98.6%	<i>All constitutive subactions were successful. Furthermore, This action is feasible</i>		<i>Nothing to recover</i>

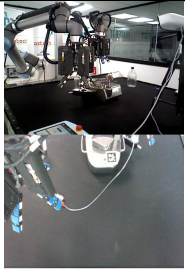
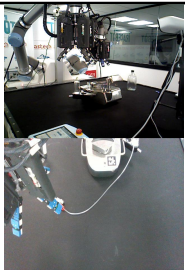
1.8.1.1. Setting Gripper	Manipulation	ActorRole: RightRobotGripper@CEA IWUQLYNC;	20.02.2025, 10:37:07 - 20.02.2025, 10:37:15	Successful	99.45%	This action is feasible		Nothing to recover
1.8.1.2. Reaching	Reasoning ; Manipulation ; Planning	ActorRole: RightRobotGripper@CEA IWUQLYNC; Patient: Canister UQYEMNXZ;	20.02.2025, 10:37:18 - 20.02.2025, 10:37:46	Successful	98.64%	All constitutive subactions were successful. Furthermore, This action is feasible		Nothing to recover
1.8.1.2.1. Planning Motion	Reasoning ; Planning	Robot@TraceBot	20.02.2025, 10:37:20 - 20.02.2025, 10:37:22	Successful	99.22%	This action is feasible		Nothing to recover
1.8.1.2.2. Reaching	Manipulation	ActorRole: RightRobotGripper@CEA IWUQLYNC;	20.02.2025, 10:37:25 - 20.02.2025, 10:37:34	Successful	99.46%	This action is feasible		Nothing to recover



1.8.1.2.3. Reaching	Manipulation	ActorRole: RightRobotGripper@CEA IWUQLYNC;	20.02.2025, 10:37:38 - 20.02.2025, 10:37:43	Successful	99.23%	This action is feasible		Nothing to recover
1.8.1.3. Grasping	Manipulation	ActorRole: RightRobotGripper@CEA IWUQLYNC; Patient: Canister UQYEMNXZ;	20.02.2025, 10:37:51 - 20.02.2025, 10:37:58	Successful	99.92%	The right gripper is in contact with an object with confidence 1.0000. Furthermore, This action is feasible		Nothing to recover
1.8.2. Lifting	Manipulation	ActorRole: RightRobotGripper@CEA IWUQLYNC; Patient: Canister UQYEMNXZ;	20.02.2025, 10:38:06 - 20.02.2025, 10:38:16	Successful	99.65%	All constitutive subactions were successful. Also,, This action is feasible		Nothing to recover

1.8.2.1. Reaching	Manipulation	ActorRole: RightRobotGripper@CEA IWUQLYNC;	20.02.2025, 10:38:08 - 20.02.2025, 10:38:13	Successful	99.84%	This action is feasible		Nothing to recover
1.9. Traceable Locating	Perception	Robot@TraceBot	20.02.2025, 10:38:24 - 20.02.2025, 10:38:26	Successful	99.07%	This action is feasible		Nothing to recover
1.10. Traceable Inserting	Reasoning ; Manipulation ; Planning	Robot@TraceBot	20.02.2025, 10:38:29 - 20.02.2025, 10:39:46	Successful	98.64%	All constitutive subactions were successful. Also,, This action is feasible		Nothing to recover
1.10.1. Traceable Inserting	Reasoning ; Manipulation ; Planning	Robot@TraceBot	20.02.2025, 10:38:31 - 20.02.2025, 10:39:40	Successful	98.43%	All constitutive subactions were successful. Additionally, This action is feasible		Nothing to recover

1.10.1.1. Planning Insertion	<i>Reasoning ; Planning</i>	Robot@TraceBot	20.02.2025, 10:38:33 - 20.02.2025, 10:38:34	Successful	99.15%	<i>This action is feasible</i>		<i>Nothing to recover</i>
1.10.1.2. Delivering	<i>Manipulation</i>	ActorRole: ; Patient: ;	20.02.2025, 10:38:38 - 20.02.2025, 10:38:46	Successful	99.77%	<i>This action is feasible</i>		<i>Nothing to recover</i>
1.10.1.3. Pushing	<i>Manipulation</i>	ActorRole: ; Patient: ; Destination: ;	20.02.2025, 10:38:51 - 20.02.2025, 10:39:05	Successful	99.64%	<i>This action is feasible</i>		<i>Nothing to recover</i>
1.10.1.4. Pushing	<i>Manipulation</i>	ActorRole: ; Patient: ; Destination: ;	20.02.2025, 10:39:09 - 20.02.2025, 10:39:14	Successful	99.47%	<i>This action is feasible</i>		<i>Nothing to recover</i>

1.10.1.5. Releasing	Manipulation	ActorRole: ; Patient: ;	20.02.2025, 10:39:21 - 20.02.2025, 10:39:27	Successful	99.45%	This action is feasible		Nothing to recover
1.10.1.6. Retracting	Manipulation	ActorRole: ; ResourceRole: ;	20.02.2025, 10:39:30 - 20.02.2025, 10:39:36	Successful	99.45%	This action is feasible		Nothing to recover