



Intervention at a Glance

This section provides an overview of the steps RI EOHHS used to implement the TAVIE Red intervention.

STEP 1



Determine key features of the TAVIE Red application

TAVIE Red provides participants with several features which increase their ability to stay engaged with the application and address other barriers to retention while simultaneously working towards viral suppression. Some of these features include GPS mapping, gamification and quests, and mental health assessments. TAVIE Red also consists of a compatible Health Insurance Portability and Accountability Act (HIPAA) compliant online portal for case managers called TAVIE Pro. The intervention team conducted numerous surveys and meetings with consumers of older iterations of the TAVIE platform and other key stakeholders to determine the additional features needed.

STEP 2



Assess the acceptability of application features






RI EOHHS partnered with the Rhode Island Consumer Advisory Board (RI CAB) to pilot TAVIE Red. RI CAB members used TAVIE Red to provide feedback and assist with determining which features of the application were most beneficial (i.e., gamification, behavior change health quests, GPS resource map).

STEP 3



Determine participant eligibility

TAVIE Red participants met the following criteria: (1) reactive (positive) HIV diagnosis and eligible for RWHAP Part B services (2) aged 18 years or older, (3) able to provide informed consent, (4) newly diagnosed or in care but not virally suppressed, not engaged in care, or in-care but vulnerable (e.g., poly morbidities, people who use drugs) of being lost to follow-up.

<p>STEP 4</p> 	<p>Designate a TAVIE site coordinator at each funded agency</p> <p>The intervention team works with leadership at each TAVIE site to identify a site coordinator. The site coordinator works closely with the intervention team to ensure the successful implementation of the intervention at each site. (See Required Staffing Resources and Considerations)</p>
<p>STEP 5</p> 	<p>Train staff who will support implementation at each site</p> <p>The TAVIE Red intervention team provides routine training to site coordinators, Ryan White HIV/AIDS Program (RWHAP) Part B, AIDS Drug Assistance Program (ADAP) coordinators, and case managers. Training focuses on implementing the participant self-assessment, utilizing TAVIE Red and the case manager portal, TAVIE Pro, and assisting participants with downloading and activating the TAVIE Red application.</p>
<p>STEP 6</p> 	<p>Engage and enroll TAVIE-Red participants</p> <p>RWHAP ADAP coordinators and case managers at TAVIE sites are the primary agents responsible for enrolling eligible participants into the intervention. At enrollment, eligible participants complete a HIPAA consent form, a self-assessment, receives an Android phone with 2GB of data per month (with unlimited talk, text, and voicemail), and access to the TAVIE Red app. (See Additional Resources Box)</p>
<p>STEP 7</p> 	<p>Implement TAVIE Red</p> <p>The TAVIE Red intervention is supported through a HRSA RWHAP Part B supplemental grant. Through this funding 360 Medlink, a software development company specializing in digital health and digital therapeutic solutions, offers additional support to ensure the TAVIE Red application operates properly and updates and adds other modules and resources. RI EOHHS TAVIE case managers and RWHAP ADAP coordinators provide technical support to participants needing assistance accessing and using TAVIE Red. Additionally, case managers receive encrypted client level data gathered from the TAVIE Red application that they cross check against client level data in CAREWare. Having strong relationships with intervention sites also assists the intervention team with quickly addressing issues (e.g., lost and stolen phones, operating issues with TAVIE Pro).</p>
<p>STEP 8</p> 	<p>Evaluate the intervention</p> <p>The intervention team measured intervention acceptability via an optional user satisfaction survey administered at 12 weeks. 360 Medlink also shared feasibility and intervention engagement data (i.e., the total number of logins, usage time, the total number of experience points earned, the total number of quests). RI EOHHS case managers measured detectable viral load during the intervention period by extracting primary care visit data from CAREWare.</p>