



**FRESENIUS
KABI**

caring for life

Agilia® Infusion System Virtual Implementation

Kick Off

Welcome: Purpose

Lay the foundation for the safe and efficient and stress-free implementation of Agilia Large Volume Pumps in your facility



Our Agenda Today

- Team Introductions: Getting to Know You
- Implementation Process Overview
 - 6 Key Steps
 - Key Roles Agilia Infusion System Implementation
- Implementation Calendars Example (to be fine tuned with you)
- Detailed Step-by-Step
 - Links to Microsite: planning tools and worksheets



Our Microsite

- Everything we talk about today and all the tools you will need to support you will be available on the Agilia Microsite
- Microsite link and customer password will be sent to you

The screenshot displays the Agilia Infusion System microsite interface. At the top, it features the Fresenius Kabi logo and the Agilia Infusion System branding. Navigation links include Overview, Planning, Training, Go Live, Support, and Downloads. The main content area is divided into four stages: Planning, Education Planning and Training, Go-Live, and Post Implementation Support. Each stage includes a set of milestones and a list of tasks. A timeline bar indicates that the time from Kick-Off to Go-Live is approximately 6-8 weeks. Below this, a section titled 'Critical Roles During Implementation' lists various roles such as CNO, Pharmacy Representative, Nurse Educator(s), Super Users, Staff Nurses, IT, Material Management, and BioMed. The CNO role is highlighted as the Executive Sponsor and Project Leader, with detailed descriptions of their responsibilities.

Planning

Milestones

- Drug Library Creation
- Data Set Sign-off

Education Planning and Training

Milestones

- Super Users Training Completed
- Staff Training Completed
 - 80% of staff nurses trained

Go-Live

Milestones

- All pumps successfully swapped and functioning smoothly
- Key questions addressed
- Key documents exchanged
- Hospital Sign-off

Post Implementation Support

Milestones

- Agree on follow up
- Assessment survey completed

Time from Kick-Off to Go-Live Approx. 6-8 weeks

Critical Roles During Implementation

CNO	<p>CNO</p> <ul style="list-style-type: none"> • Acts as executive sponsor. Can also be Project Lead <p>Executive Sponsor: Ensures allocation of resources, people and time</p> <p>Project Leader:</p> <ul style="list-style-type: none"> • Schedules coordinates meetings with Fresenius Kabi Clinical Team • Key liaison/point person between facility and Fresenius Kabi • Manages timelines, allocates resources • Conducts Implementation Review
Pharmacy Representative	
Nurse Educator(s)	
Super Users	
Staff Nurses	
IT	
Material Management	
BioMed	

Our Team



Lauri Lillie

MSN, RN

Manager Clinical Nurse
Liaisons



Joyce Hudson

BSN, RN

Clinical Nurse Liaison



Loretta K Dorn

MSN, RN, CRNI

Director, Clinical Nurse
Liaisons



Richard Townsend

Sr. Technical Services
Engineer, Marketing
Infusion Delivery Solutions



Doug Shafer

RPh

Pharmacy Advisor

Tell Us About You

- What is your patient population?
- What services do you offer?
 - OB
 - ER
 - ICU
 - OR
 - Pediatrics
 - Infusion Center
- How many beds in your hospital?
- What is your average daily census?
- How many staff nurses will need to be trained on your new Agilia IV pump?

Tell Us A Little More!

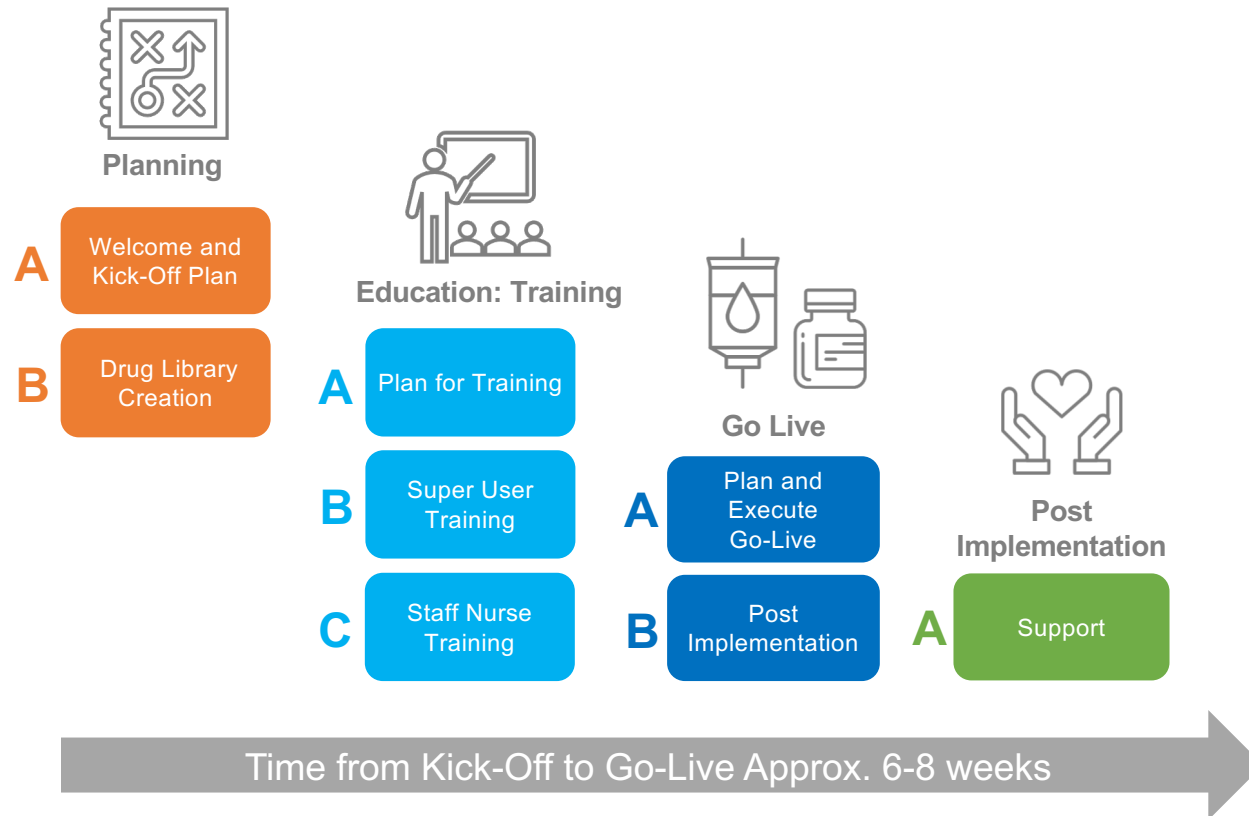
- Who will we be working with at your facility to build your drug library?
 - Pharmacist
 - Pharmacy RN
 - Pharmacy Tech
 - Tell us about their availability
- Where do your nurses find the IV medication protocols for your facility?
 - Formulary?
 - Online?
 - Binder?

Agilia Infusion System Implementation Overview



The Agilia Infusion System Implementation unfolds in four phases

Key Steps and Major Milestones Overview



Critical Milestones at Each Phase

Delayed completion postpones Go-Live


- Drug Library Creation, Data Set Sign-off
- Super Users Training Completed
- Staff Training Completed
- All pumps successfully swapped and functioning smoothly
- Key questions addressed
- Key documents exchanged
- Hospital Sign-off
- Agree on follow up
- Assessment survey completed











Multi-disciplinary collaboration with your facility and Fresenius Kabi is a key to success!

Let's walk through the key roles in this process and determine who will fulfill these roles for you

Critical Roles During Implementation

 CNO	 Pharmacy Representative	 Nurse Educator(s)	 Super Users	 Staff Nurses	 IT	 Material Management	 BioMed
<p>Executive Sponsor: allocates resources</p> <p>Project Leader:</p> <ul style="list-style-type: none"> • Coordinates meetings • Point person facility and Fresenius Kabi • Manages timelines • Implementation Review 	<ul style="list-style-type: none"> • Drug Library creation • Collaborates with Nursing to build drug library entries that reflect use by nursing • Drug parameters • Validates data entry • Dataset reviews • Sign-off on final Data Set approval • Pharmacy may upload the data set to Agilia pumps 	<ul style="list-style-type: none"> • IV practice needs for the facility • Configurations • Dataset reviews • Clinical training • Identifies Super Users • Supports 'hands-on' training • Coordinates pump and tubing exchange • On going training 	<ul style="list-style-type: none"> • Facility resources • First trained • Support staff nurses during their training and throughout Go-Live • Post Implementation - assist with new hire training 	<ul style="list-style-type: none"> • Participate in all training • Participate in Go-Live planning as needed • Execute Go-Live and report any issues 	<ul style="list-style-type: none"> • Support the upload of the Drug'Lib Software to hospital designated laptop 	<ul style="list-style-type: none"> • Plans disposable logistics, including evaluation of inventory levels and stocking requirements • Supports Go-Live planning and execution • Order new tubing 2 weeks prior to Super User training 	<ul style="list-style-type: none"> • Data Set upload • Records inventory • Assists with staging of pumps • Assures all pumps are charged prior to go live

Who Will Play These Roles at Your Facility

 CNO	 Pharmacy Representative	 Nurse Educator(s)	 Super Users	 Staff Nurses	 IT	 Material Management	 BioMed
<ul style="list-style-type: none"> Name Contact Information 	<ul style="list-style-type: none"> Name Contact Information 	<ul style="list-style-type: none"> Name Contact Information 	<ul style="list-style-type: none"> Med/Surg <ul style="list-style-type: none"> Name Contact ER <ul style="list-style-type: none"> Name Contact Surgical Services <ul style="list-style-type: none"> Name Contact OR/PACU <ul style="list-style-type: none"> Name Contact ICU <ul style="list-style-type: none"> Name Contact 	<ul style="list-style-type: none"> Peds <ul style="list-style-type: none"> Name Contact OB <ul style="list-style-type: none"> Name Contact Infusion <ul style="list-style-type: none"> Name Contact Clinic / Outpatient <ul style="list-style-type: none"> Name Contact 	<ul style="list-style-type: none"> Name Contact Information 	<ul style="list-style-type: none"> Name Contact Information 	<ul style="list-style-type: none"> Name Contact Information

Critical Hospital Team Roles at Each Implementation Step

Welcome eMail Kick-off Meeting

- The **Kick-off Meeting** is an orientation to the entire process. Key roles and responsibilities and a preliminary timetable are established
- Key hospital participants: CNO, Pharmacy Representative, Nurse Educator, Materials Mgmt. and IT
- We initiate the conversation about the timeline

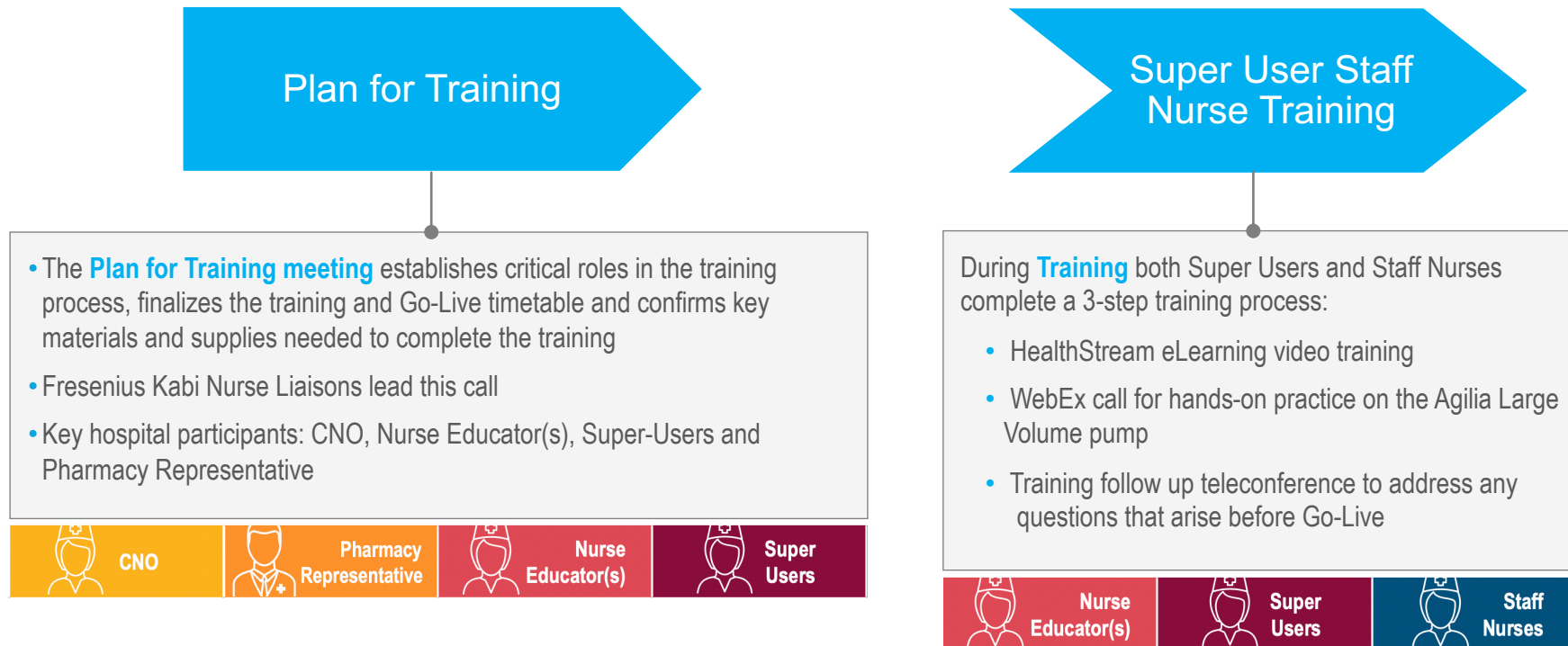


Drug Library Creation

- The **Drug Library Creation** step is crucial to successful implementation. The hospital Drug Library will be created. Drug'Lib Software will be uploaded and programmed into the pumps.
- Fresenius Kabi Pharmacist leads this step
- Key Hospital Participants: Pharmacy Representative builds the Drug Library
- Configuration and Data Set Reviews: CNO, Pharmacy Representative and a nurse from each clinical area



Critical Hospital Team Roles at Each Implementation Step



Critical Hospital Team Roles at Each Implementation Step

Go-Live

- During the **Go-Live** step, the pump and tubing exchange schedule is established and executed
- Fresenius Kabi Clinical team provides 'on-call' support throughout
- Key Hospital Participants: CNO, BioMed, Materials Mgmt., Super User and Staff Nurses

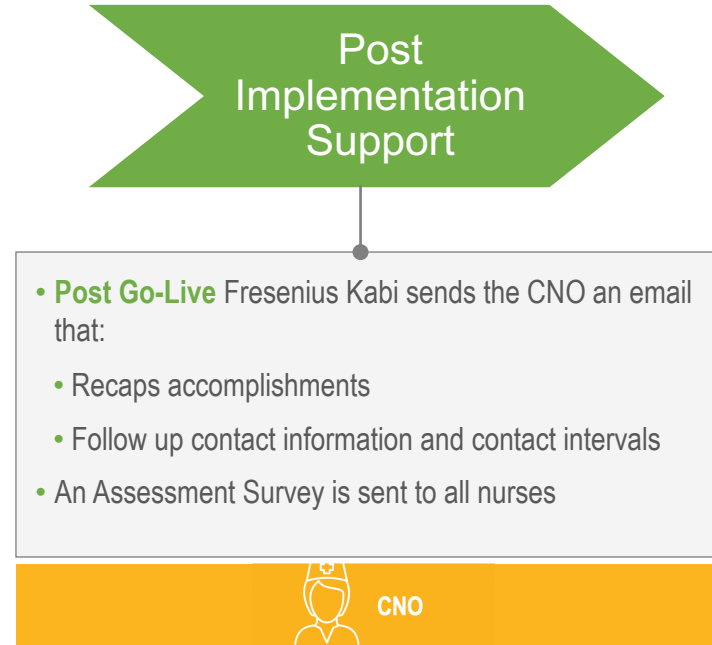


Post Implementation

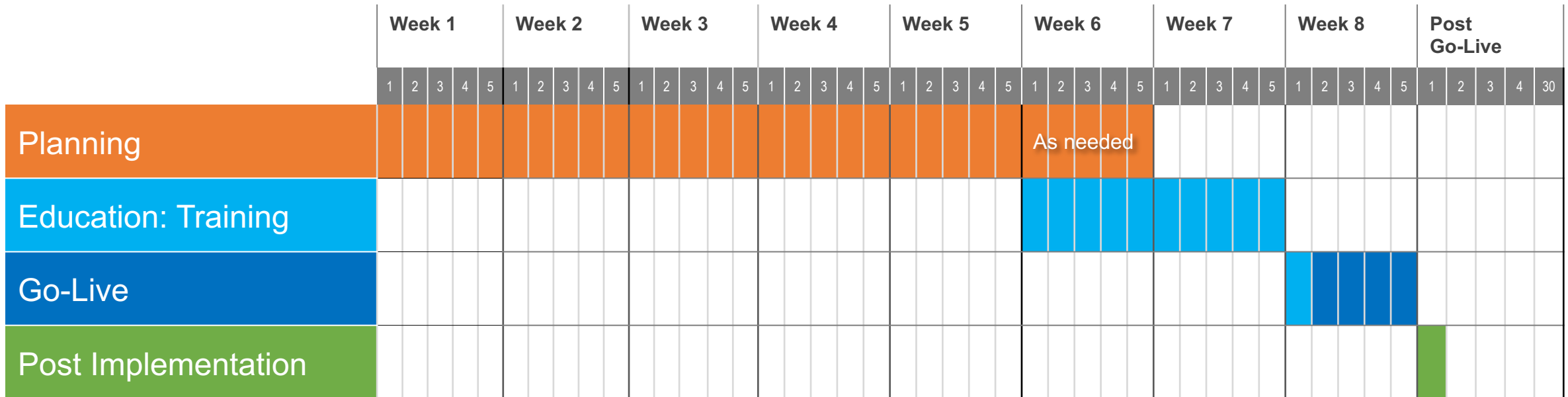
- In the **Post Implementation** meeting, Fresenius Kabi Nurse Liaison confirms all pumps are operating without incident in each clinical area and capture issues during the first 24 hours post Go-Live
- FK Nurse Liaison: Leads Post-Implementation call to report results and resolve issues
- Key Hospital Participants: CNO, Pharmacist, Nurse Educator and Super Users



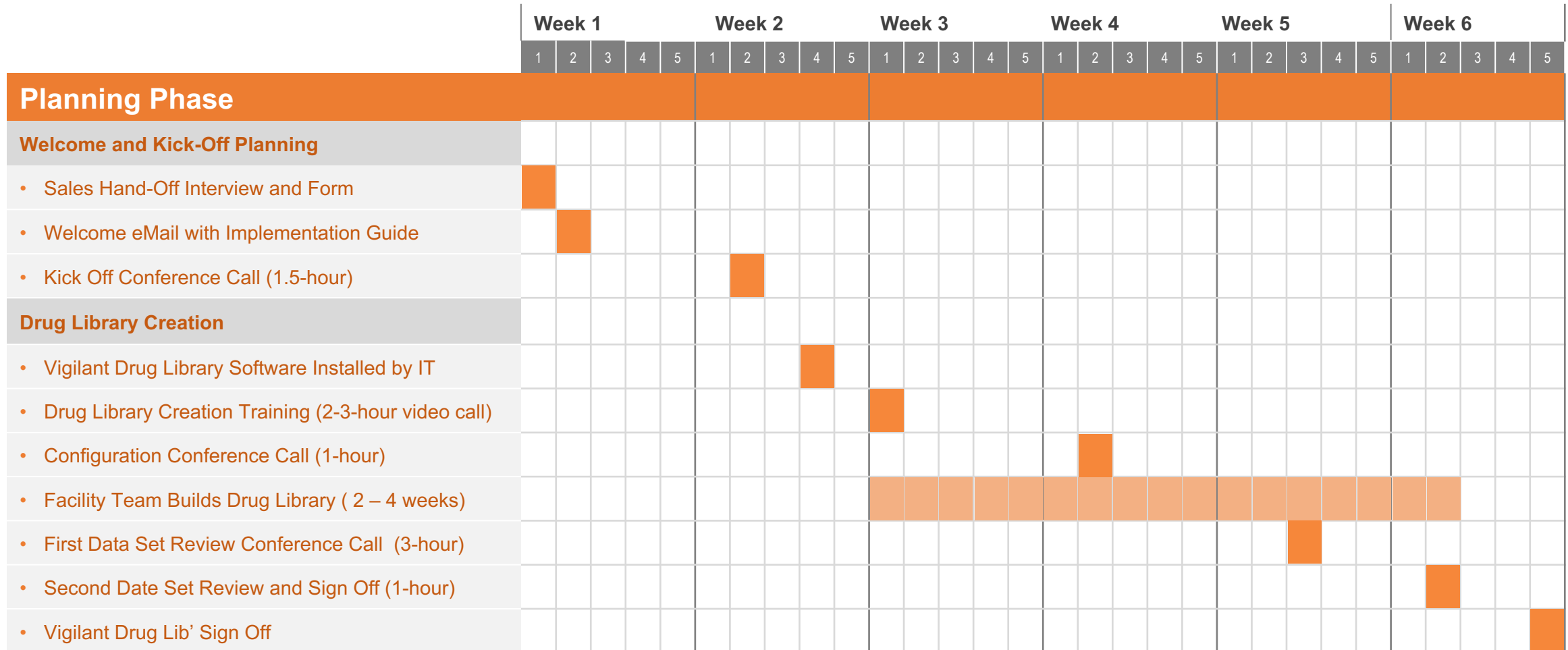
Critical Hospital Team Roles at Each Implementation Step



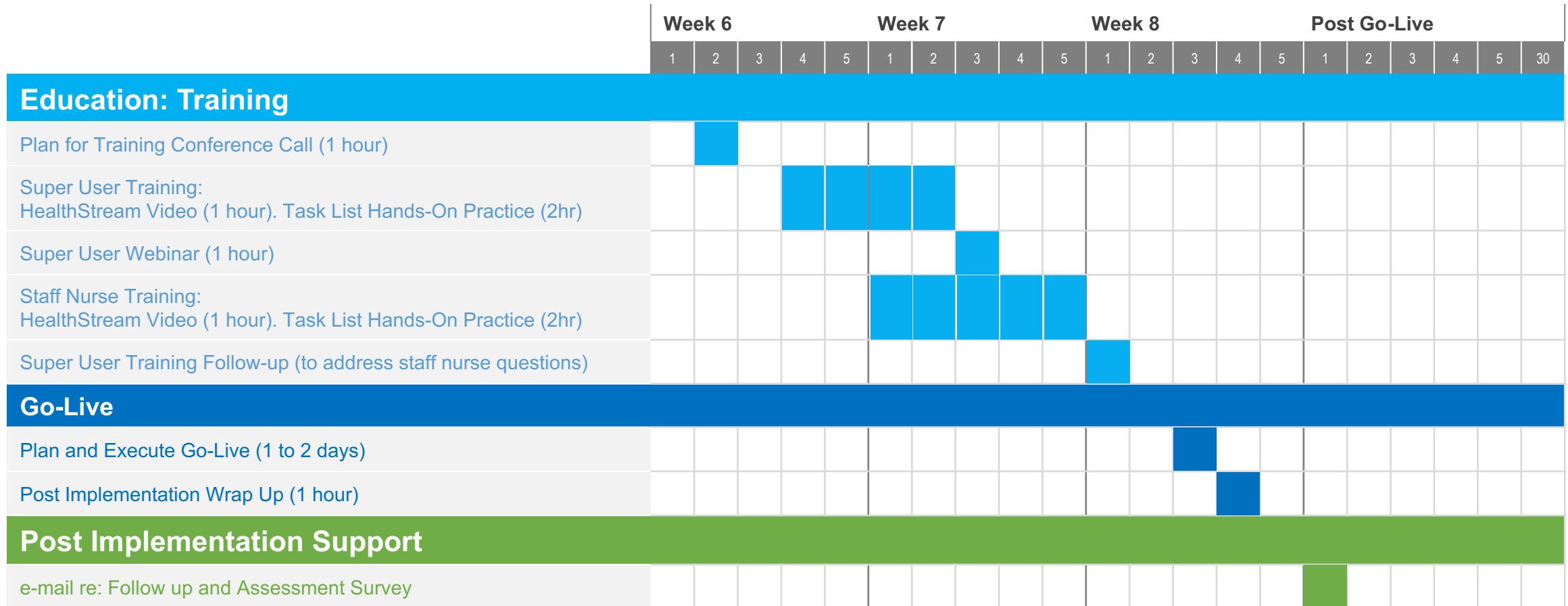
Example Implementation Timeline



Example Detailed Timeline: Planning Phase



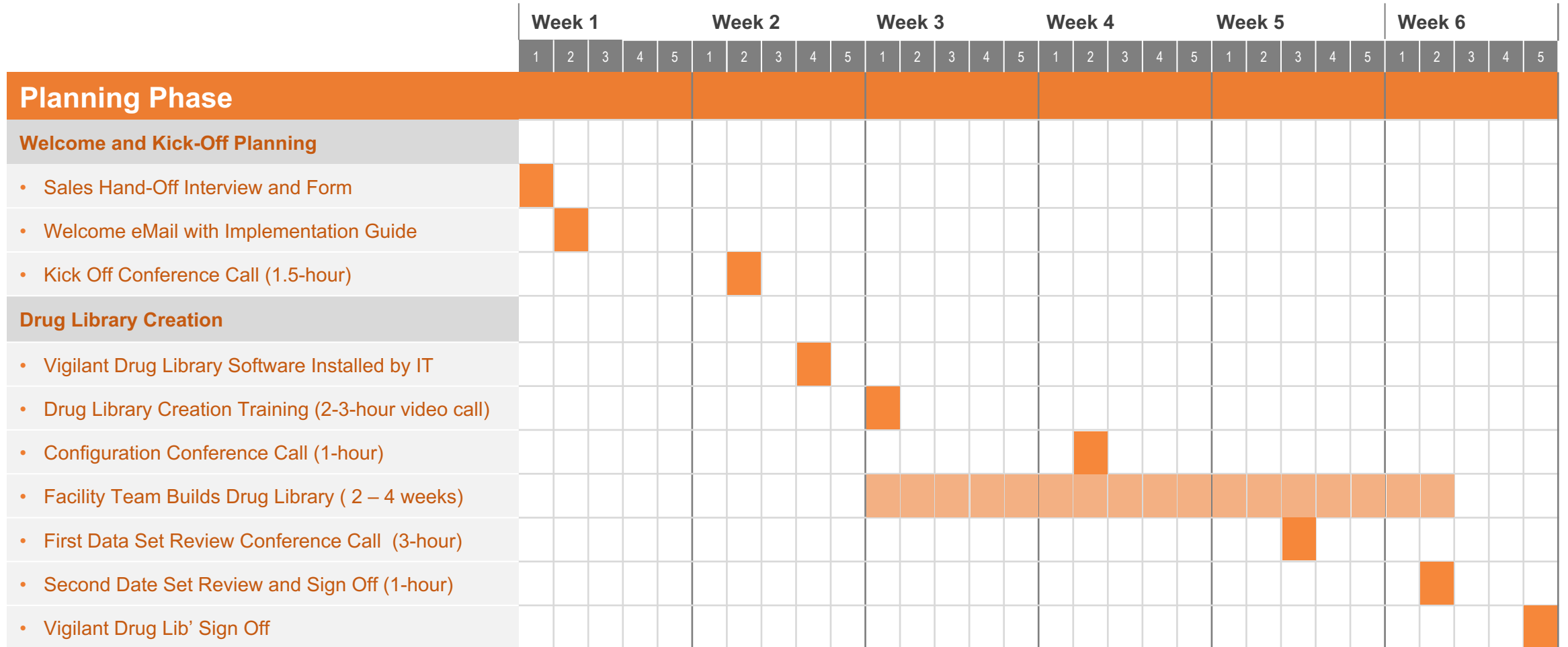
Example Detailed Timeline: Training and Go-Live



Detailed Step-by-Step for Planning Phase

With links to the planning tools, check lists and worksheets you will need to complete the process.

Planning Phase: Key Steps



Detailed Step by Step: Planning Phase

Planning Phase

Drug Library Creation

- Vigilant Drug Library Software Installed by IT
- Drug Library Creation Training (2-3-hour video call)
- Configuration Conference Call (1-hour)
- Facility Team Builds Drug Library (2 – 4 weeks)
- First Data Set Review Conference Call (3-hour)
- Second Date Set Review and Sign Off (1-hour)
- Vigilant Drug Lib' Sign Off

IT Requirements

- Have you received your Vigilant Drug Library Software, USB transfer cable and your Agilia IV pumps?
- Stand alone laptop for pharmacy
- Set up a time to install the software onto the computer/laptop



Vigilant Drug Library Software makes pumps “smart”

- Dose Error Reduction Software (DERS)
- Hospital defines soft and hard dosing limits for each drug as well as any clinical advisories
- Robust drug customization allows for support of current infusion practices
- Important that the build of the drug library is a collaboration between nursing and pharmacy to ensure the drug library reflects the current work practices for IV medication administration



Drug Library Build Requirements

Planning Phase

Drug Library Creation

- ✓ Vigilant Drug Library Software Installed by IT
- Drug Library Creation Training (2-3-hour video call)
- Configuration Conference Call (1-hour)
- Facility Team Builds Drug Library (2 – 4 weeks)
- First Data Set Review Conference Call (3-hour)
- Second Date Set Review and Sign Off (1-hour)
- Vigilant Drug Lib' Sign Off

Example: Drug Library Build Worksheet

Drug Library Worksheet					
PLANNING PHASE					Step: Drug Library Creation- Document: 04.01
Medication/Infusion	All available concentrations/dilutions	Usual starting (default) dose/rate	Lower soft limit for dose/rate	Upper soft limit for dose/rate	Maximum dose/rate (Upper hard limit)

NOTE: Availability to complete is essential to the timeline

- Windows 10 PC for software upload
- Protocols for infused drugs
 - Concentrations
 - Drugs that need boluses
 - Drugs that need loading doses
 - Default doses (maximum and minimum)
 - Default rates (maximum and minimum)

Infusion Rate vs Dose Rate

Infusion Rate

Concentration

Infusion Mode (Primary)

Adjustable infusion setting fields *

Volume and Rate

Volume and Time

Time and Rate

Volume, Time and Rate

Rate Mode * Macro Rate

Volume To Be Infused (VTBI)

Default Volume * mL

Volume Upper Hard Limit (UHL) mL

Flow Rate

Flow Rate Lower Soft Limit (LSL) * mL/h

Default Flow Rate * mL/h

Flow Rate Upper Soft Limit (USL) * mL/h

Flow Rate Upper Hard Limit (UHL) * mL/h

Direct Bolus

Programmed Bolus

Secondary Drug

Infused with a Secondary Drug? No

Dose Rate

Concentration

Concentration Type Finite

Dose Unit * mL

Volume mL

Concentration 1 /mL

Concentration 2 /mL

Concentration 3 /mL

Concentration 4 /mL

Concentration 5 /mL

Infusion Mode (Primary)

Adjustable infusion setting fields *

Volume and Rate

Volume and Time

Time and Rate

Volume and Time and Rate

Rate Mode * Macro Rate

Volume To Be Infused (VTBI)

Default Volume * mL

Volume Upper Hard Limit (UHL) mL

Dose Rate

Dose Unit * mL

Antibiotic example

Antibiotic

Clinical Advisory

Concentration

Concentration Type: Finite

Dose Unit*: gram

Volume: 100 mL

Concentration 1: 1 gram / 100 mL (0.01 gram / mL)

Concentration 2: _____ gram / 100 mL

Concentration 3: _____ gram / 100 mL

Concentration 4: _____ gram / 100 mL

Concentration 5: _____ gram / 100 mL

Infusion Mode (Primary)

Volume To Be Infused (VTBI)

Default Volume*: 100 mL

Volume Upper Hard Limit (U): 100 mL

Flow Rate

Flow Rate Lower Soft Limit: 100 mL/h

Default Flow Rate*: 200 mL/h

Flow Rate Upper Soft Limit: 200 mL/h

Flow Rate Upper Hard Limit: 200 mL/h

KVO Rate*: 0 mL/h



Displayed on the Agilia pump screen

Care Areas

- Multiple Care Areas can be built if there are different needs for drugs used in different Care Areas. If the drugs are used consistently throughout the facility, only one Care Area may be needed.
- The pumps do not need to be designated for one area. Simply select the appropriate Care Area.



Drug Library, Data Set Reviews

Planning Phase

Drug Library Creation

- ✓ Vigilant Drug Library Software Installed by IT
- ✓ Drug Library Creation Training (2-3-hour video call)
- ✓ Configuration Conference Call (1-hour)
- ✓ Facility Team Builds Drug Library (2 – 4 weeks)
- First Data Set Review Conference Call (3-hour)
- Second Date Set Review and Sign Off (1-hour)
- Vigilant Drug Lib' Sign Off

? What is a drug library / data set review?

Click on question to see answer

? How long will it take?

Click on question to see answer

? What is expected of us?

Click on question to see answer

? Who must attend? From each Care Area?

Click on question to see answer

Select nurses with a strong knowledge of how medications are infused on their units. Accuracy prevents rework, delays in go-live and last-minute labor-intensive uploads

Drug Library, Data Set Reviews

Planning Phase

Drug Library Creation

- ✓ Vigilant Drug Library Software Installed by IT
- ✓ Drug Library Creation Training (2-3-hour video call)
- ✓ Configuration Conference Call (1-hour)
- ✓ Facility Team Builds Drug Library (2 – 4 weeks)
- First Data Set Review Conference Call (3-hour)
- Second Date Set Review and Sign Off (1-hour)
- Vigilant Drug Lib' Sign Off

? What is a drug library / data set review?

A detailed walk through of every drug in your library

? How long will it take?

Click on question to see answer

? What is expected of us?

Click on question to see answer

? Who must attend? From each Care Area?

Click on question to see answer

Select nurses with a strong knowledge of how medications are infused on their units. Accuracy prevents rework, delays in go-live and last-minute labor-intensive uploads

Drug Library, Data Set Reviews

Planning Phase

Drug Library Creation

- ✓ Vigilant Drug Library Software Installed by IT
- ✓ Drug Library Creation Training (2-3-hour video call)
- ✓ Configuration Conference Call (1-hour)
- ✓ Facility Team Builds Drug Library (2 – 4 weeks)
- First Data Set Review Conference Call (3-hour)
- Second Date Set Review and Sign Off (1-hour)
- Vigilant Drug Lib' Sign Off

? What is a drug library / data set review?

A detailed walk through of every drug in your library

? How long will it take?

2 meetings
Approx. 4 hours

? What is expected of us?

Click on question to see answer

? Who must attend?
From each Care Area?

Click on question to see answer

Select nurses with a strong knowledge of how medications are infused on their units. Accuracy prevents rework, delays in go-live and last-minute labor-intensive uploads

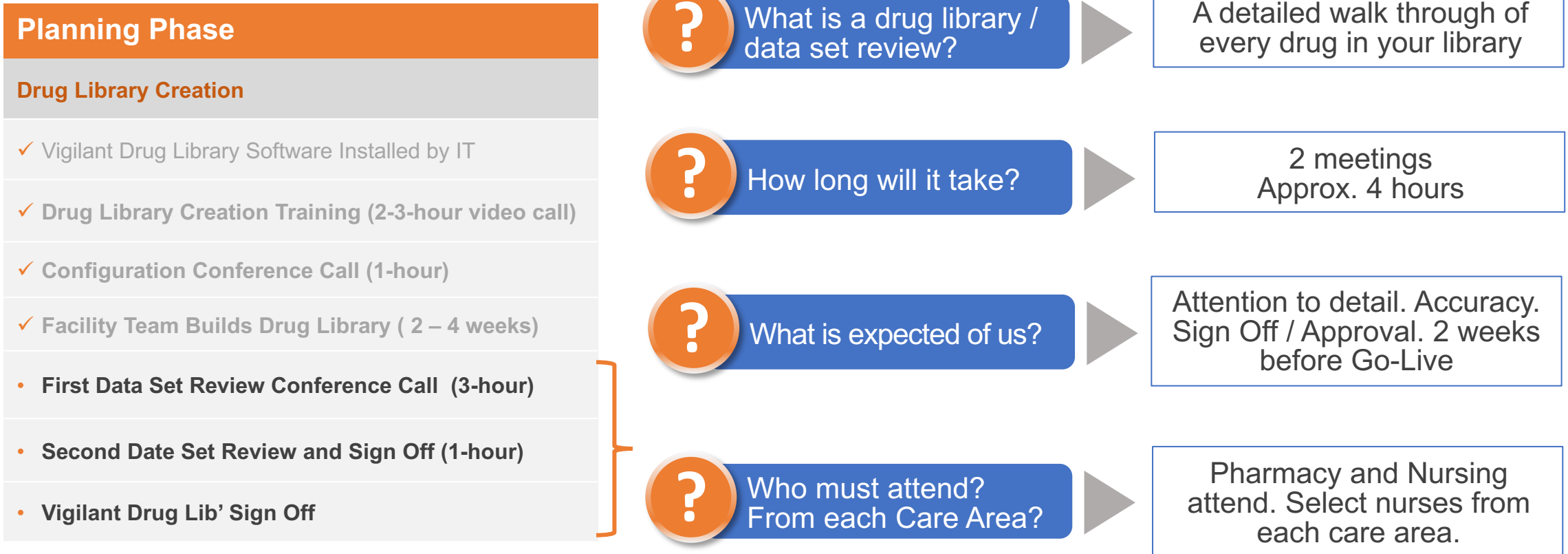
Drug Library, Data Set Reviews

Planning Phase
Drug Library Creation
✓ Vigilant Drug Library Software Installed by IT
✓ Drug Library Creation Training (2-3-hour video call)
✓ Configuration Conference Call (1-hour)
✓ Facility Team Builds Drug Library (2 – 4 weeks)
• First Data Set Review Conference Call (3-hour)
• Second Date Set Review and Sign Off (1-hour)
• Vigilant Drug Lib' Sign Off



Select nurses with a strong knowledge of how medications are infused on their units. Accuracy prevents rework, delays in go-live and last-minute labor-intensive uploads

Drug Library, Data Set Reviews



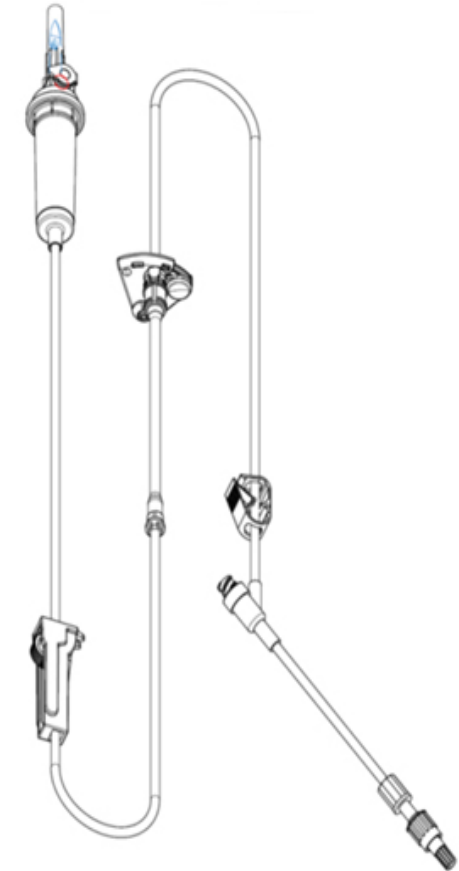
Select nurses with a strong knowledge of how medications are infused on their units. Accuracy prevents rework, delays in go-live and last-minute labor-intensive uploads

IV Administration Set Needs

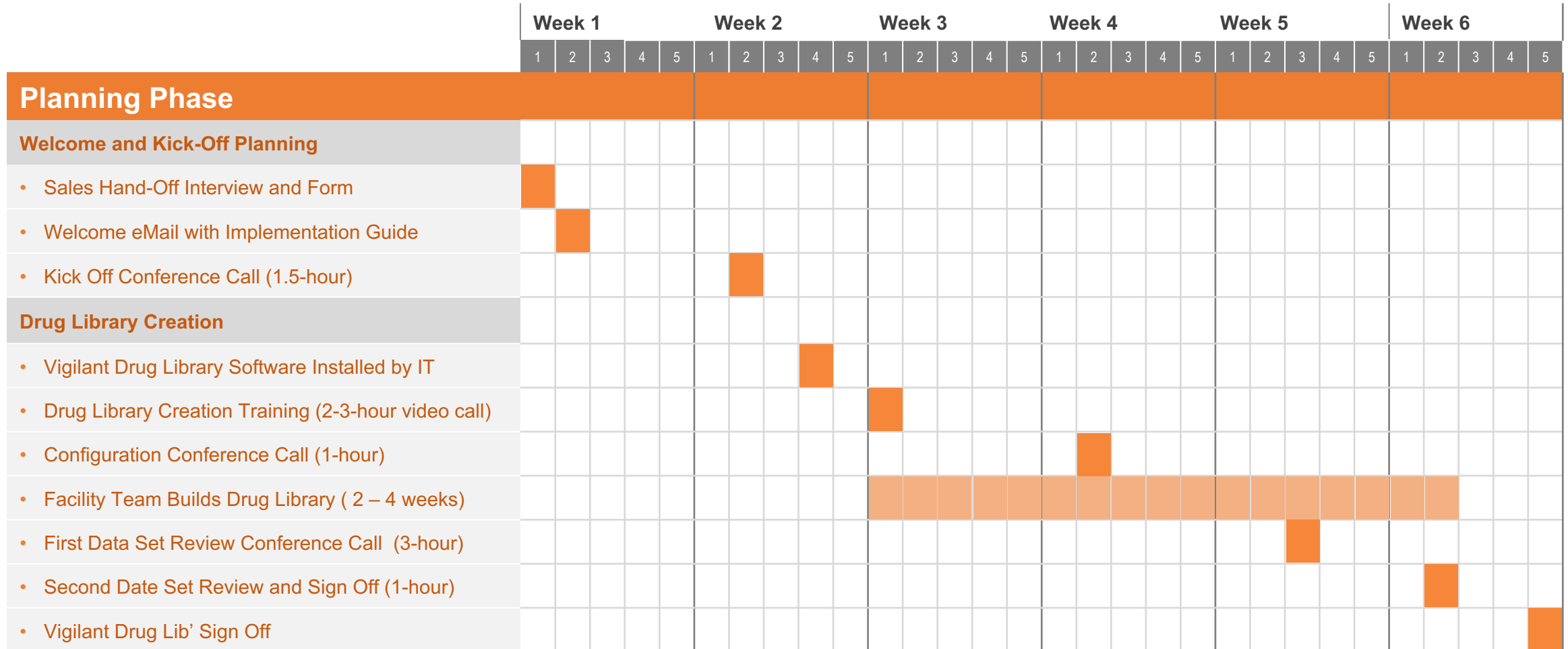
IV Administration Set needs

(evaluated by Facility Nursing and Sales Executive)

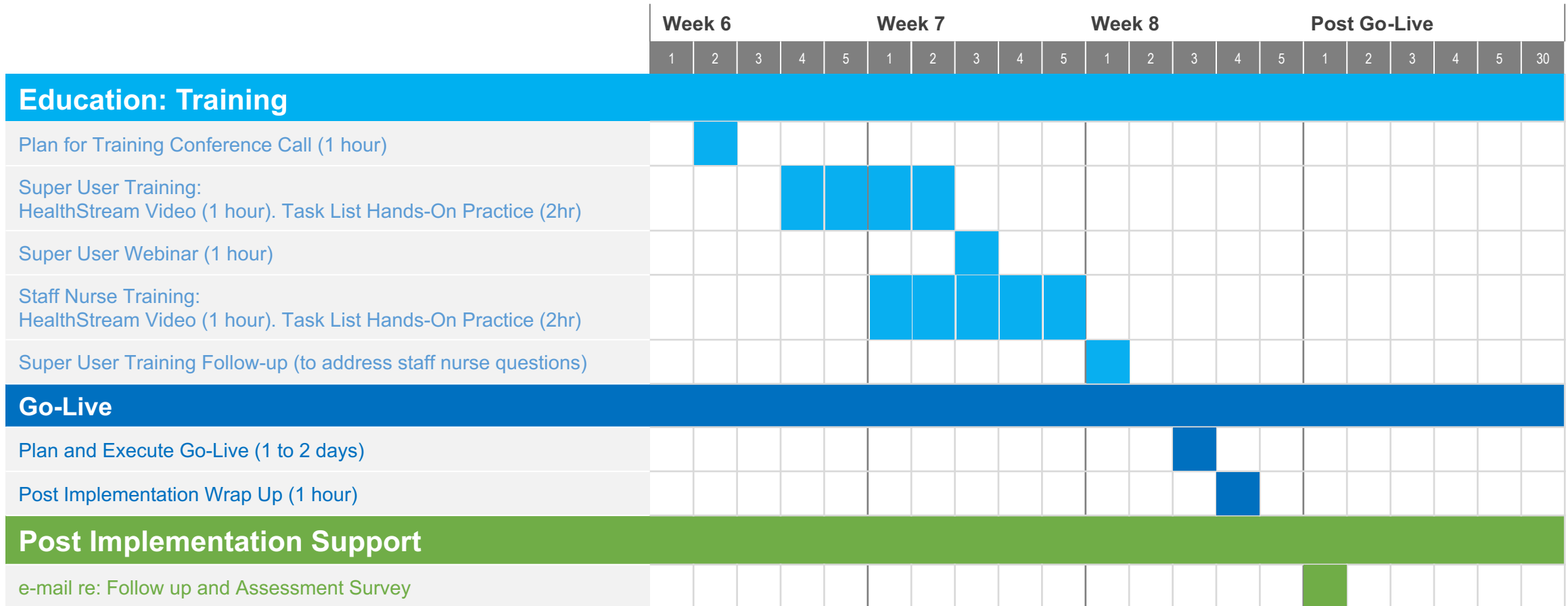
- Primary set
- Secondary set
- Blood set
- Filtered set
- Burette/Buretrol set
- PVC free set (Nitro, chemo)
- Any special IV sets such as multiple ports, special luer
- Extension set



Example Detailed Timeline: Planning Phase



Example Detailed Timeline: Training and Go-Live



Agilia Virtual Implementation Program Resources

- Agilia Virtual Implementation Program and Planning Tools available on the Microsite

The screenshot displays the Agilia Virtual Implementation Program Microsite interface. At the top, it features the Fresenius Kabi logo and the Agilia Infusion System branding. A navigation menu includes Overview, Planning, Training, Go Live, Support, and Downloads. The main content area is a process flow diagram with four stages: Planning, Education Planning and Training, Go-Live, and Post Implementation Support. Each stage includes a set of milestones and a list of tasks. A timeline bar at the bottom indicates a duration of approximately 6-8 weeks from Kick-Off to Go-Live.

Planning

- Milestones**
 - Drug Library Creation
 - Data Set Sign-off

Education Planning and Training

- Milestones**
 - Super Users Training Completed
 - Staff Training Completed
 - 80% of staff nurses trained

Go-Live

- Milestones**
 - All pumps successfully swapped and functioning smoothly
 - Key questions addressed
 - Key documents exchanged
 - Hospital Sign-off

Post Implementation Support

- Milestones**
 - Agree on follow up
 - Assessment survey completed

Time from Kick-Off to Go-Live Approx. 6-8 weeks

Critical Roles During Implementation

CNO	<p>CNO</p> <ul style="list-style-type: none"> • Acts as executive sponsor. Can also be Project Lead <p>Executive Sponsor: Ensures allocation of resources, people and time</p> <p>Project Leader:</p> <ul style="list-style-type: none"> • Schedules/coordinates meetings with Fresenius Kabi Clinical Team • Key liaison/point person between facility and Fresenius Kabi • Manages timelines, allocates resources • Conducts Implementation Review
Pharmacy Representative Nurse Educator(s)	
Super Users	
Staff Nurses	
IT	
Material Management	
BioMed	

Planning Phase B: Drug Library Creation

When & Duration

- The Drug Library Creation step is the most complex step. It consists of four key meetings:
 - Drug Library Creation Training, Configuration Meeting
 - First and Second Data Set Review Meetings

Who Attends

- This step is led by the Fresenius Kabi Nurse Liaison. Your sales executive and our Pharmacist also participate
- Key facility participants: CNO, Nurse Educator, Pharmacy Representative representative, Super Users, IT, Materials Mgmt. Risk Mgmt.

Key Action and Links to Support Materials

3 Vigilant Drug Lib' Software Install

The first step in creating your Drug Library involves installing our Vigilant Drug Lib' Software onto your system. Fresenius Kabi IT works with the facility IT team to ensure Vigilant Drug Lib' Software is installed and ready.

4 Drug Library Creation Training Call (3hrs)

The Fresenius Pharmacy team will lead your team through Drug Library Creation Training.

Facility attendees will include Pharmacy Representative and/or Pharmacy nurse. And others who have been designated to assist in Drug Library creation.

As a result of the Training, your team will determine how long they need to complete the build the Drug Library. This can take 2 – 4 weeks.

The begin building the library immediately. Using the form listed below to guide them and to capture and document their work.

Link to:

- [US3 PP-B 04.01 CU DrugLibrary Worksheet.pdf](#)
This tools helps you capture all the information essential to your drug library.
- [US3 PP-B 04.02 CU Vigilant IFU 1.3.pdf](#)

5 Configuration Call (1hrs+)

Following the Drug Library Creation Training, the Fresenius Kabi Pharmacy team will conduct a call to help you define your pump configuration needs and requirements.

This will involve the facility Pharmacist and/or designated Pharmacy nurse.

The facility team will then complete the Configuration Worksheet.

Link to:

- [US3 PP-B 05.01 CF Configuration Presentation.pdf](#)

File Naming Convention

Key - File Nomenclature: US3 GL-A 01.02 CU-Data Set Change Log V1.docx

Model
Phase
Step
File Type
File Name
Version
File Type

Model (product type)	Phase 4 Phases in Agilia Implementation Process	Step 9 steps	File Type	File Name	Version	Document Type
US3	<u>Planning Phase: PP</u> PP-A Welcome and Kick-off PP-B Drug Library Creation	Steps 1 - 2 Steps 3 - 8	CU: Customer Use* CF: Customer Facing	* File names and document titles must match	V1.0 +	<ul style="list-style-type: none"> • docx • pptx • xlsx • pdf
	<u>Education Phase: ED</u> ED-A Plan for Training ED-B Super User Training ED-C Staff Nurse Training	Steps 1 – 5 Step 6 Step 7	* All CU documents will be on the microsite			
	<u>Go-Live Phase: GL</u> GL-A Plan and Execute Go-Live GL-B Post Implementation	Steps 1 – 2 Steps 3 – 5				
	<u>Post Implementation Support Phase: PS</u> PS-A. Post Implementation Support	Step 1				

Reference List of Supporting Documents

Phase	New File Name
US3 PP-A	US3 PP-A 02.01 CF Kick Off Presentation V1.pdf
US3 PP-A	US3 PP-A 02.02 CU Agilia Virtual Implementation Program V1.pdf
US3 PP-B	US3 PP-B 04.01 CU DrugLibrary Worksheet V1.pdf
US3 PP-B	US3 PP-B 04.02 CU Vigilant IFU 1.3.pdf
US3 PP-B	US3 PP-B 05.01 CF Configuration Presentation V1.pdf
US3 PP-B	US3 PP-B 06.02 CU Data Set Sign-off Examples V1.pdf
US3 ED-A	US3 ED-A 01.01 CF Training Planning Presentation V1.pdf
US3 ED-A	US3 ED-A 02.02 CU-HealthStream Login V1.pdf
US3 ED-A	US3 ED-A 02.03 CU HealthStream Reports V1.pdf
US3 ED-A	US3 ED-A 03.01 CU Hands on practice Supplies Checklist V1.pdf
US3 ED-B	US3 ED-B 06.01 CU Virtual Training Sign In Sheet V1.pdf
US3 ED-B	US3 ED-B 06.02 CF-Super User Training V1.pdf
US3 ED-B	US3 ED-B 06.03 CU Task List Basic Step by Step V1.pdf
US3 ED-B	US3 ED-B 06.04 CU Task List Basic Sign Off V1.pdf
US3 ED-B	US3 ED-B 06.05 CU Task List DrugLib Step by step V1.pdf
US3 ED-B	US3 ED-B 06.06 CU Training Pearls V1.pdf
US3 ED-B	US3 ED-B 06.07 CU Task List DrugLib Sign Off V1.pdf
US3 ED-B	US3 ED-B 06.08 CU Quick reference guide.pdf
US3 ED-B	US3 ED-B 06.09 CU Questions Form-Super Users V1.pdf
US3 ED-B	US3 ED-B 06.10 CU Super User FAQs V1.pdf
US3 ED-B	US3 ED-B 06.12 CU Agilia Pump IFU 2.1.pdf
US3 GL-A	US3 GL-A 01.01 CF Implementation Planning Meeting V1.pdf
US3 GL-A	US3 GL-A 01.03 CU Agilia Go-Live Checklist V1.pdf
US3 GL-A	US3 GL-A 02.01 CU Customer Service Call-Tree V1.pdf
US3 GL-B	US3 GL-B 04.01 CF Post Implementation Meeting V1.pdf
US3 GL-B	US3 GL-B 04.03 CU-Data Set Change Log V1.pdf
US3 GL-B	US3 GL-B 04.04 CU-Data Set Change Request V1.pdf
US3 GL-B	US3 GL-B 05.01 CU-Certificate of Completion V1.pdf

Questions?

- Suggestions for working with you?



Thank You!

- Today you've completed the Kick-Off for the Agilia Virtual Implementation.
- We are here to support you every step of the way in the weeks ahead, for a safe, efficient, stress free implementation



**Lauri Lillie, MSN RN, Joyce Hudson, BSN RN, and
Loretta Dorn, MSN RN CRNI:**
Clinical-Nurse-Liaisons@Fresenius-Kabi.com



Doug Shafer, RPh
Douglas.Shafer@Fresenius-Kabi.com



Richard Townsend
Sr. Technical Services Engineer, Marketing
Infusion Delivery Solutions
Richard.Townsend@Fresenius-Kabi.com

