

Emergency Medical Response System

BLS Project Update

February 6, 2017

Joint Recommendation: The Right Resources at the Right Time

Partnership

Collaborative solutions build-out

Continuous system improvement

Defined Roles

Denver Health remains ALS services expert & system medical control

Denver Fire becomes full BLS services expert

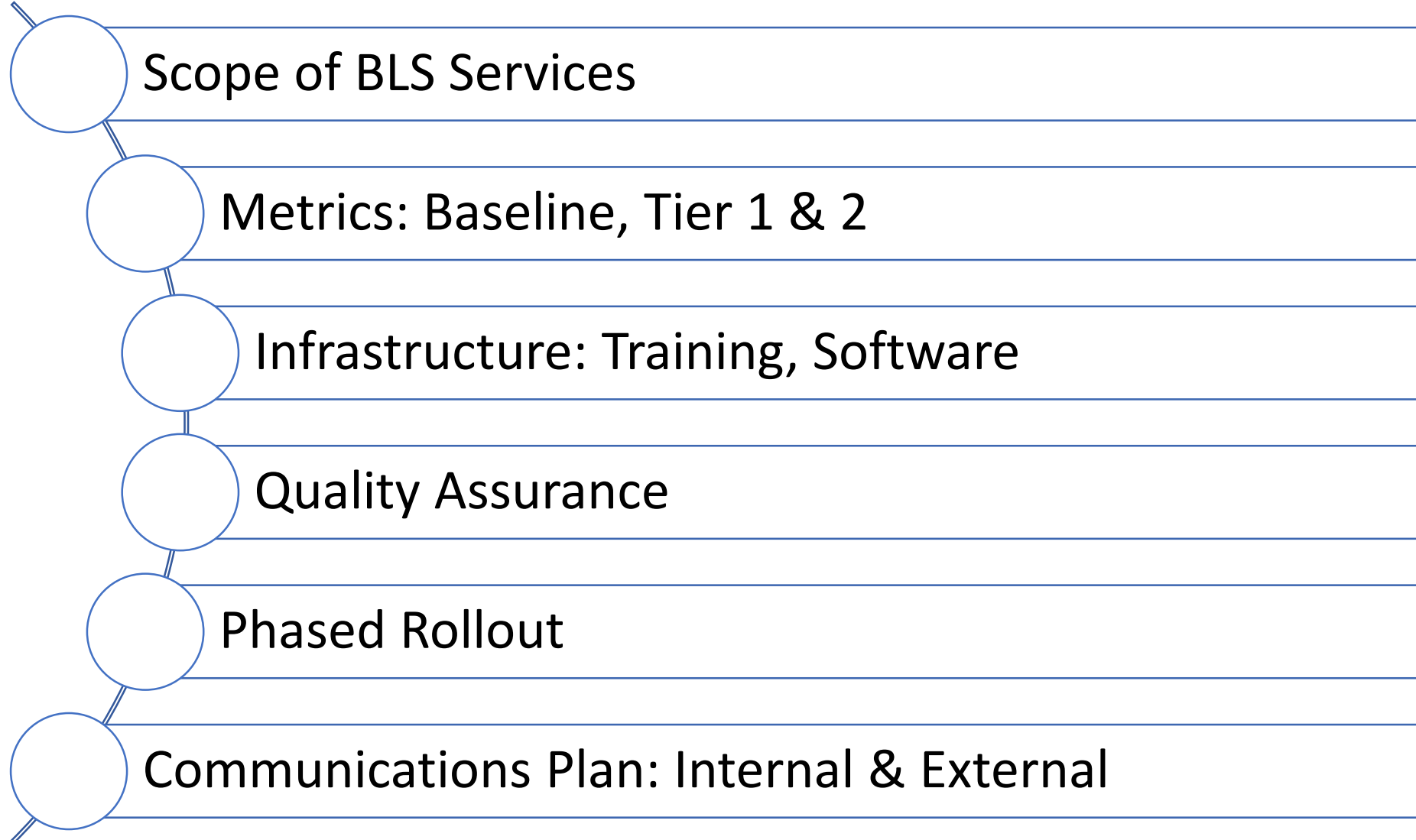
Innovation

Joint Advocacy for Innovative Response Models

Joint Endorsement of the Medical Unit

EMRS BLS Project Plan Update

Focus on Partnership & Defined Roles



Scope of BLS Services Project

Foundation

Infrastructure & Training Needs

- Reporting system and procedure adoption
- Needs, resources, scheduling

First Milestone

Medical Director Approval

- 30 Basic Life Support skillsets
- Balance risk of harm vs. potential for good

Phase 1

Attain Reporting Compliance

- Baseline metrics and skills evaluation
- Leverage QA process and benchmarks

Phase 2

Phased Rollout of New Skillsets

- Leverage learning management systems
- Prioritized skills rollout

Phase 3

Sustainability

- Evaluate BLS Certifications (IV capabilities)
- Ongoing QA/QI

Metrics: Baseline, Tier 1 & 2

Metric Development in Progress. Examples Include:

Priority Metric: EPCR Compliance (Baseline Requirement)

- Current State: 0% (no requirement, no ability to report)
- Goal 1: Establish baseline of current BLS services & patient outcomes
- Goal 2: Compliance rate of 99%

Tier 1 Metrics: Implementation Activities

- Trainer capacity/training completion
- DFD & DH on-scene time
- DFD & DH unit availability

Tier 2 Metrics: Patient Outcomes (Surrogate Markers)

- Vital sign variability
- Aspirin use
- Time to chest compressions
- Medical Documentation

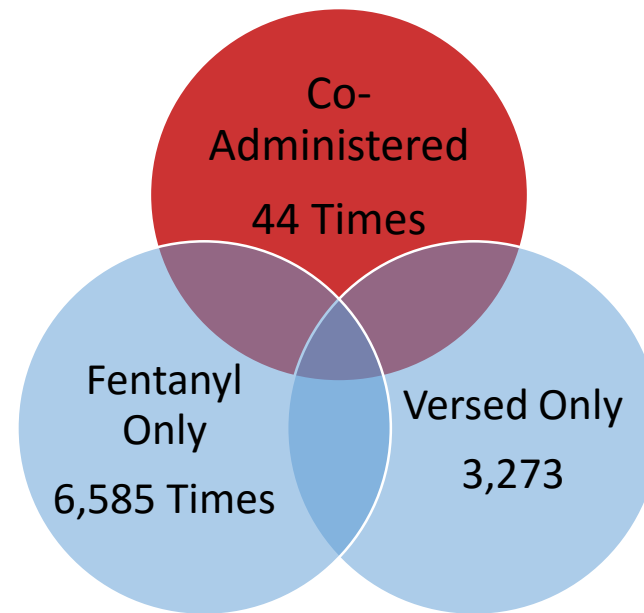
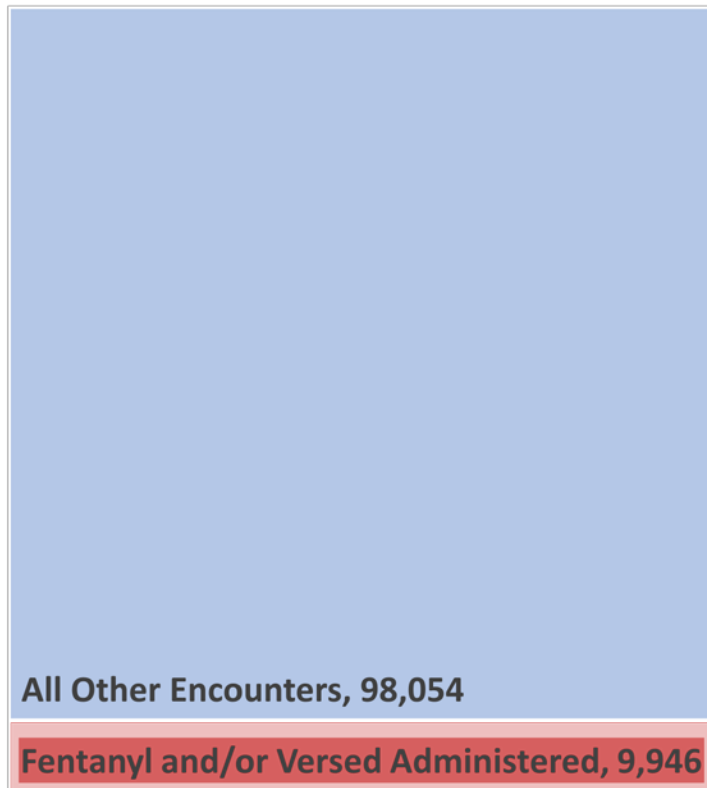
Key Milestones

Next Update: May 2017

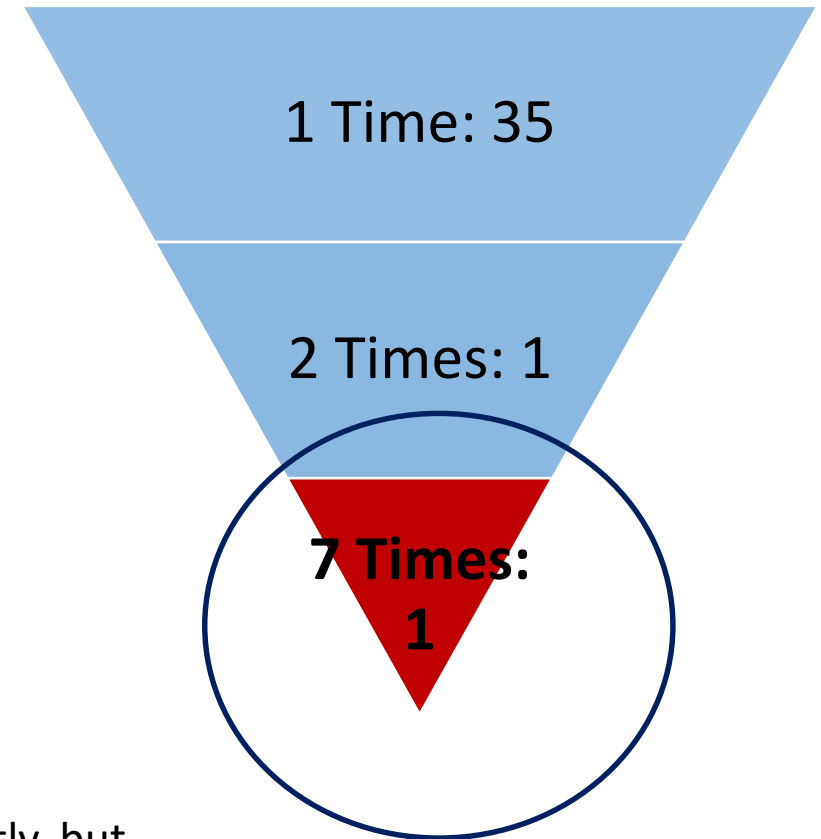
Scope	✓ Identify and Approve BLS Skills Authorized	Complete
	Create Internal & External Communications Plan	March 1 st
	Finalize Skill Rollout Timeline & Logistics	May 1 st
Structure	Select and Implement Patient Care Reporting System	TBD
	Implement Learning Management System (Tier 1 Metrics)	March 1 st
	Identify Training Capacity and Schedule (Tier 1 Metrics)	April 1 st
Resource Needs	Identify Budget Requests for 2018	May 1 st
	Identify Supplemental Requests for 2017	May 1 st
	Identify Operating Agreement Requests and Language Updates for 2018	July 1 st
Quality Assurance	Develop Customer Service and Employee Satisfaction Metrics	June 1 st
	Implement BLS Patient Care Reporting Compliance (Priority Metric)	TBD
	Implement QA on Current BLS Services (Tier 2 Metrics)	TBD
	Implement QA on Added BLS Services (Tier 2 Metrics)	TBD

QA Example 1: Regional Concerns about Co-Administration of Powerful Painkillers

Total Patient Encounters 2016

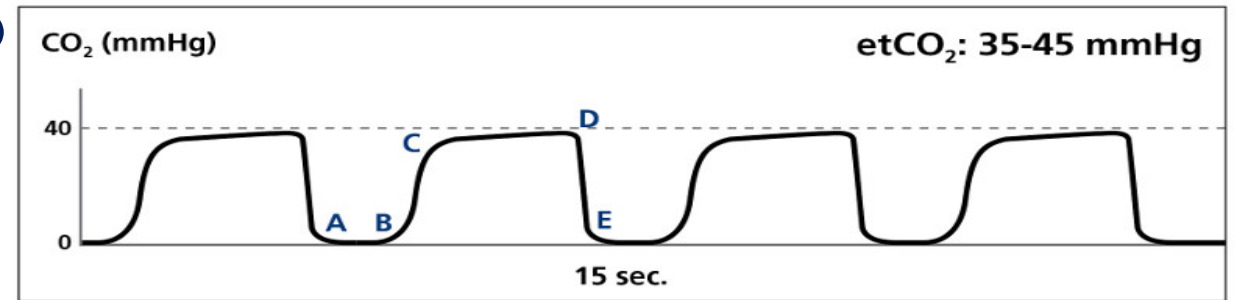
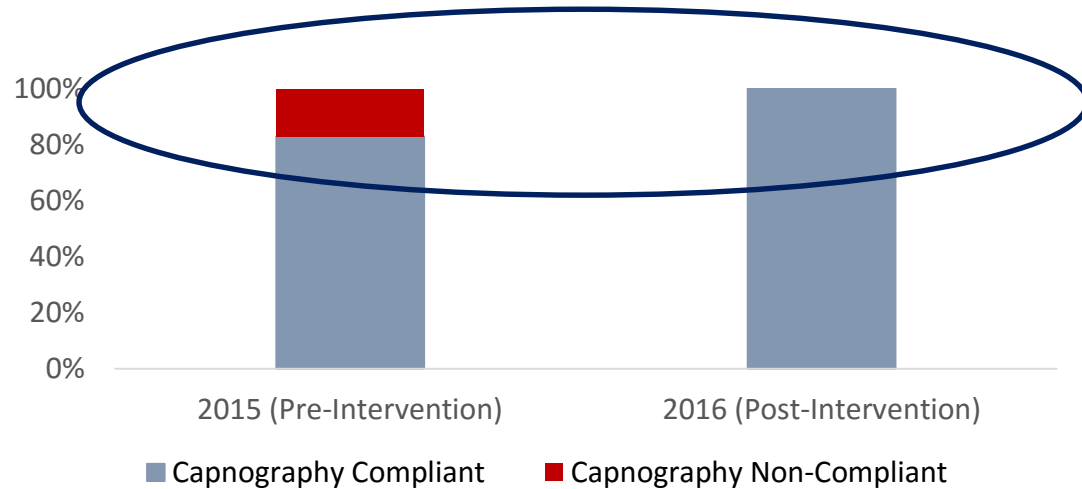


37 Paramedics Co-Administered Fentanyl & Versed

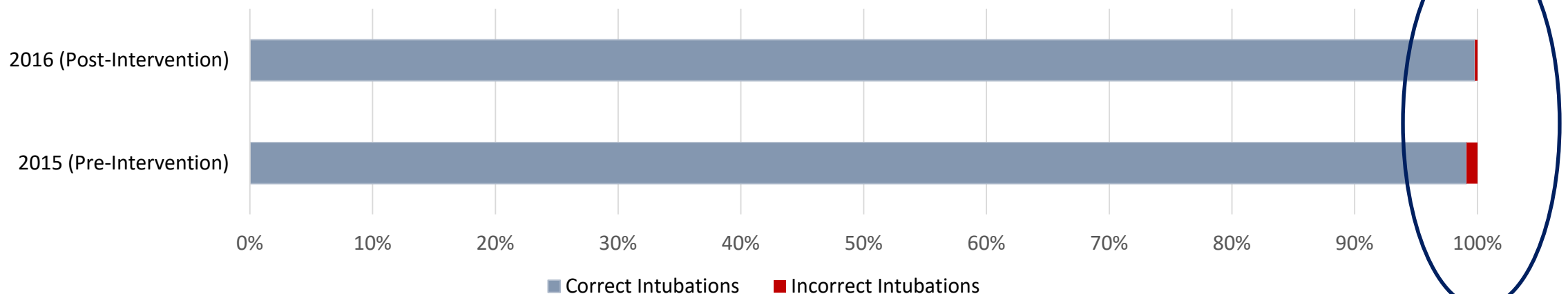


Co-Administration Occurred Infrequently, but Has Substantial Risk of Harm.

QA Example 2: Airway Management (Tracheal Intubation)



Pre- and Post-Intervention Intubation Success Rate



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