

Children's Health Medical Center Dallas

Children's Health Scholarly Collection

2022

Nurse Residents

2023

Best Dressed Tubes

Luciano Ayala
Childrens Health

Olivia Crispell
Childrens Health

Bryn Simmons
Childrens Health

Follow this and additional works at: <https://scholarlycollection.childrens.com/nursing-nr2022>



Part of the [Pediatric Nursing Commons](#)

Recommended Citation

Ayala, Luciano; Crispell, Olivia; and Simmons, Bryn, "Best Dressed Tubes" (2023). 2022. 34.
<https://scholarlycollection.childrens.com/nursing-nr2022/34>

This Book is brought to you for free and open access by the Nurse Residents at Children's Health Scholarly Collection. It has been accepted for inclusion in 2022 by an authorized administrator of Children's Health Scholarly Collection. For more information, please contact amy.six-means@childrens.com.

PICO Question

In a pediatric emergency department, does implementing multiple visual reference guides for proper tube labeling decrease total lab draws, decrease waste of medical resources, and optimize patient care times?

Clinical Issue

- Increased in the amount of lab redraws
- Delay of patient care
- Increase in total length of care
- Increase in waste of medical resources
- Lack in education of specimen collection

Research

- One study showed how improper specimen labeling can occur when education is not reiterated over time. Also found that the majority of labeling errors happen due to labeling not occurring immediately after collection. (Simundic, A., 2015)
- Another study found that in a medium sized institution over a million dollars contributed to laboratory errors (Kuree, H., 2017)

Best Dressed Tubes

Luciano Ayala, RN, Olivia Crispell, RN, & Bryn Simmons, RN

Month	Canceled	Received	Rejection Rate
July	17	7309	0.23%
August	48	7936	0.60%
September	55	8739	0.63%
December	41	9179	0.45%



Follow this list of criteria to make sure Lab Specimens have been labeled correctly.

- **LARGE** Labels go on **ALL** tubes **EXCEPT** **MICRO**ainers
- Place label directly under cap with Patient Name at the **TOP**
- Check and make sure label barcode is lined up straight **VERTICALLY**
- Specimen Window should not be covered by label.

Clinical Practice Implications

- Interviewing and educating staff on proper labeling techniques
- Providing visual references inside areas of high specimen collection for easy accessibility while collecting lab specimens.

Methods

- Collaborated with Plano ED Leadership and Central Lab Staff to obtain data on lab specimen labeling errors
- Provided visual guides to assist medical staff in patient rooms

Recommendations

- Implement multiple visual references around the ED for staff
- Routine check offs or refreshers on proper lab tube labeling techniques