

Kind central in vascular access, hoe?

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Disclosure



- Niets
- Behalve dat dit een overzicht en samenvatting is van presentaties van wat gegeven is in Kopenhagen op WoCoVA 2018

Kind centraal?



Kind centraal, hoe?



Do Guidelines Consider the Patient? Infusion Therapy Standards of Practice

Mary Alexander, MA, RN, CRNI®, CAE, FAAN

Infusion Nurses Society

Norwood, MA, USA

June 2018



Simple answer



YES

Patients and children are at the center of all we do

Infusion Care: What Do Patients Want?



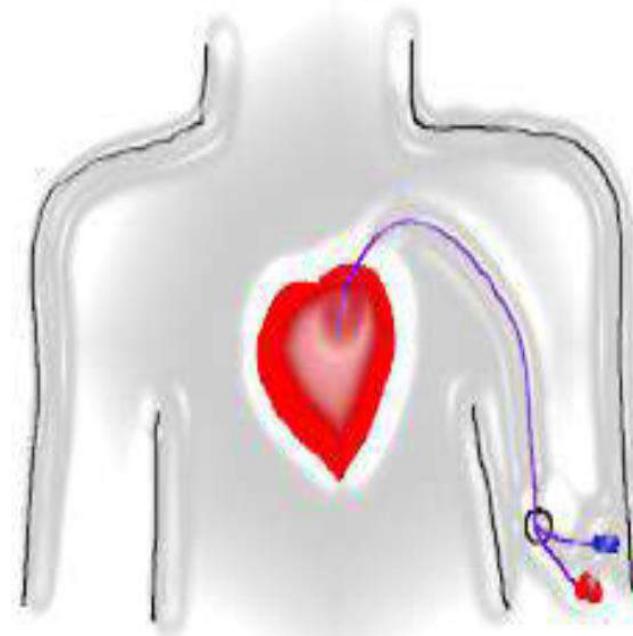
Get better

One needlestick

No pain

No infection

Clinicians who know what they're doing

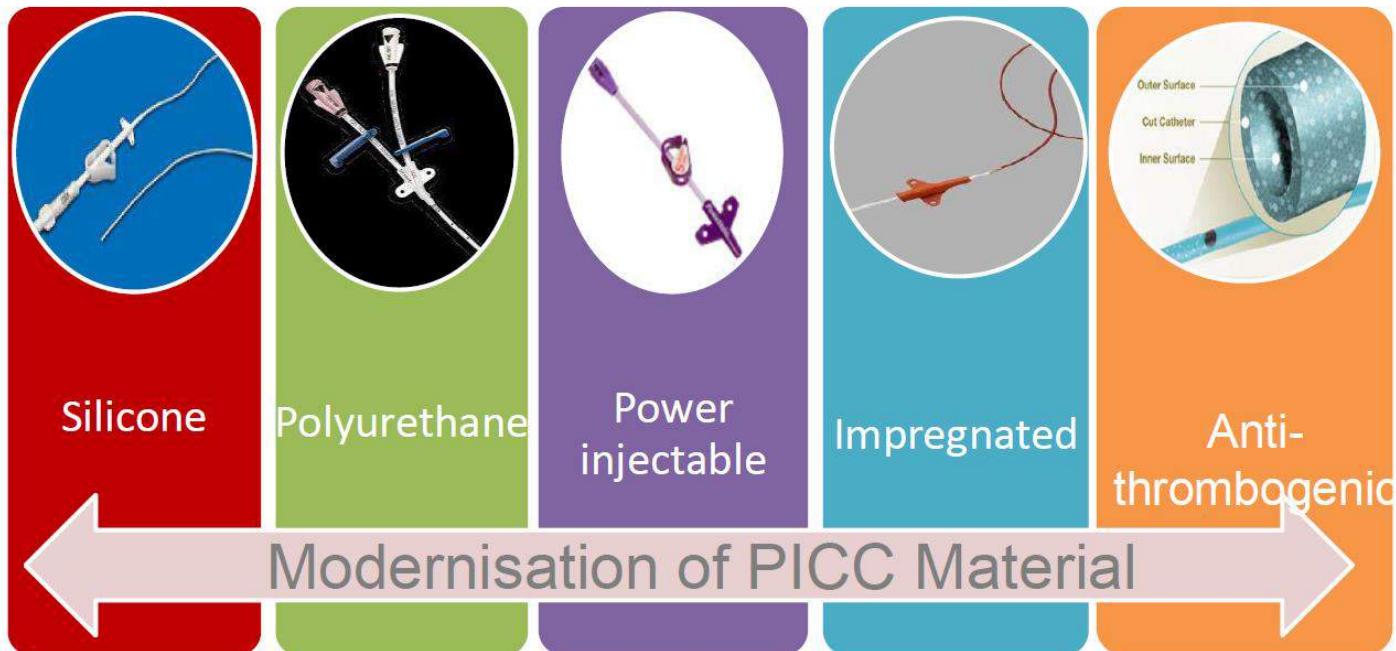


Choosing the most appropriate PICC, in the patient's interest

Tricia Kleidon
Nurse Practitioner – Lady Cilento Children's Hospital
Research Fellow – AVATAR Group

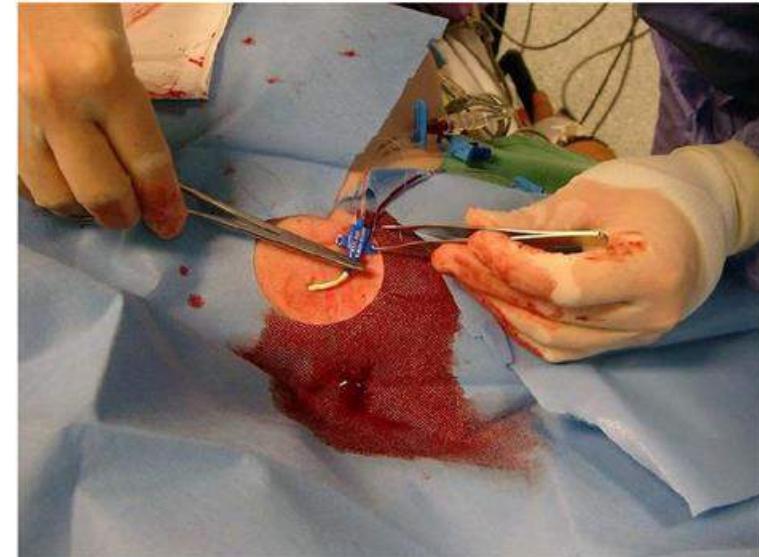
PICC

- Understand your patient
- Is a PICC in your patients best interest?



Skin lesions in children and neonates

We cut the skin



Images courtesy of
<http://lifeinthefastlane.com/ccc/central-venous-catheters/>



Our most vulnerable patients



Skin injury



Pressure

Friction
and
Shear

Skin
Irritants

Moisture



Pitfalls of Dressing and Securement



MORE ISN'T BETTER
BETTER IS BETTER



Breathability



Dressing
absorbency



Strong dressing
borders

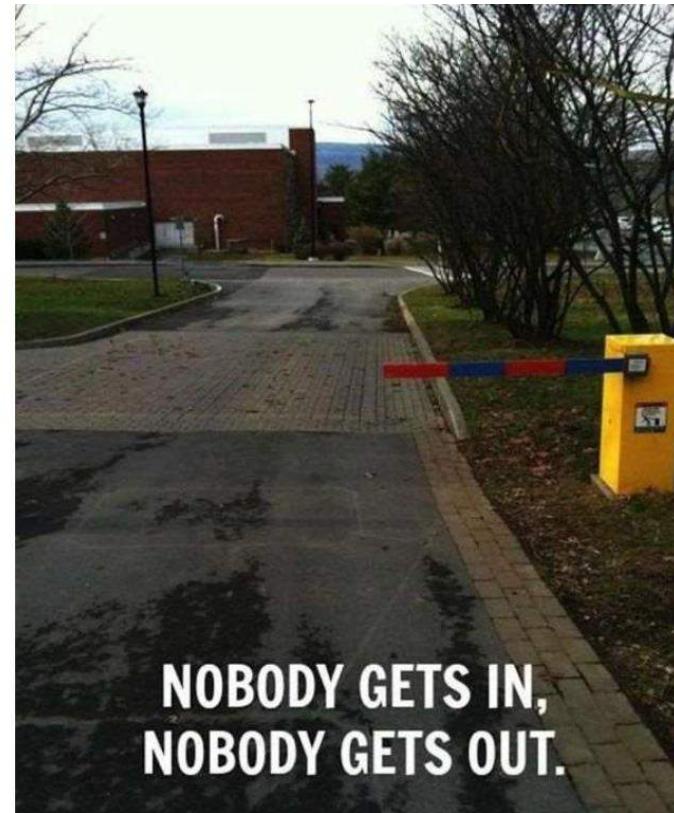


Prevention paediatrics



Create a protective barrier
not intended to increase
adhesion

Formulations differ - some
more effective than others



Skin injury protection



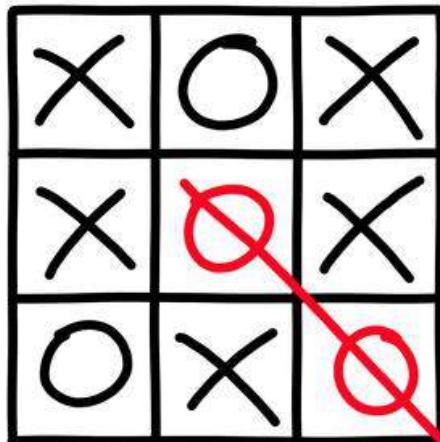
Be sure to let
decontaminants
dry before applying
dressings / tapes



Innovative measures



- Without causing skin damage



THiNK
OUTSiDE
THE BOX



Tissue Adhesive: A New Tool for the Vascular Access Toolbox

Marcia Wise, RN, VA-BC



Vascular access



- 1 – 2 Billion PIVs annually world wide
- Over 30 million CVC's, PICCs, Midlines

Protect the Patient!

Educate the Clinician!

Save the Line!

Tissue adhesive for vascular access



- Can adding tissue adhesive to our toolbox make a difference in these outcomes?
- What is tissue adhesive?
 - Glue - cyanoacrylate, (CA) a liquid monomer
 - Polymerizes when exposed to moisture present in air, liquid, or tissue
 - Exothermic process – releases energy when the molecules come together
 - ❖ May release a small amount of heat

INDICATIONS AND ADVANTAGES OF GLUE

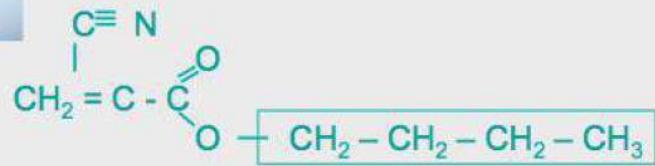
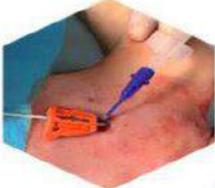
Glue for avoidance of bleeding
and bacterial contamination



Glue: avoiding bleeding & contamination



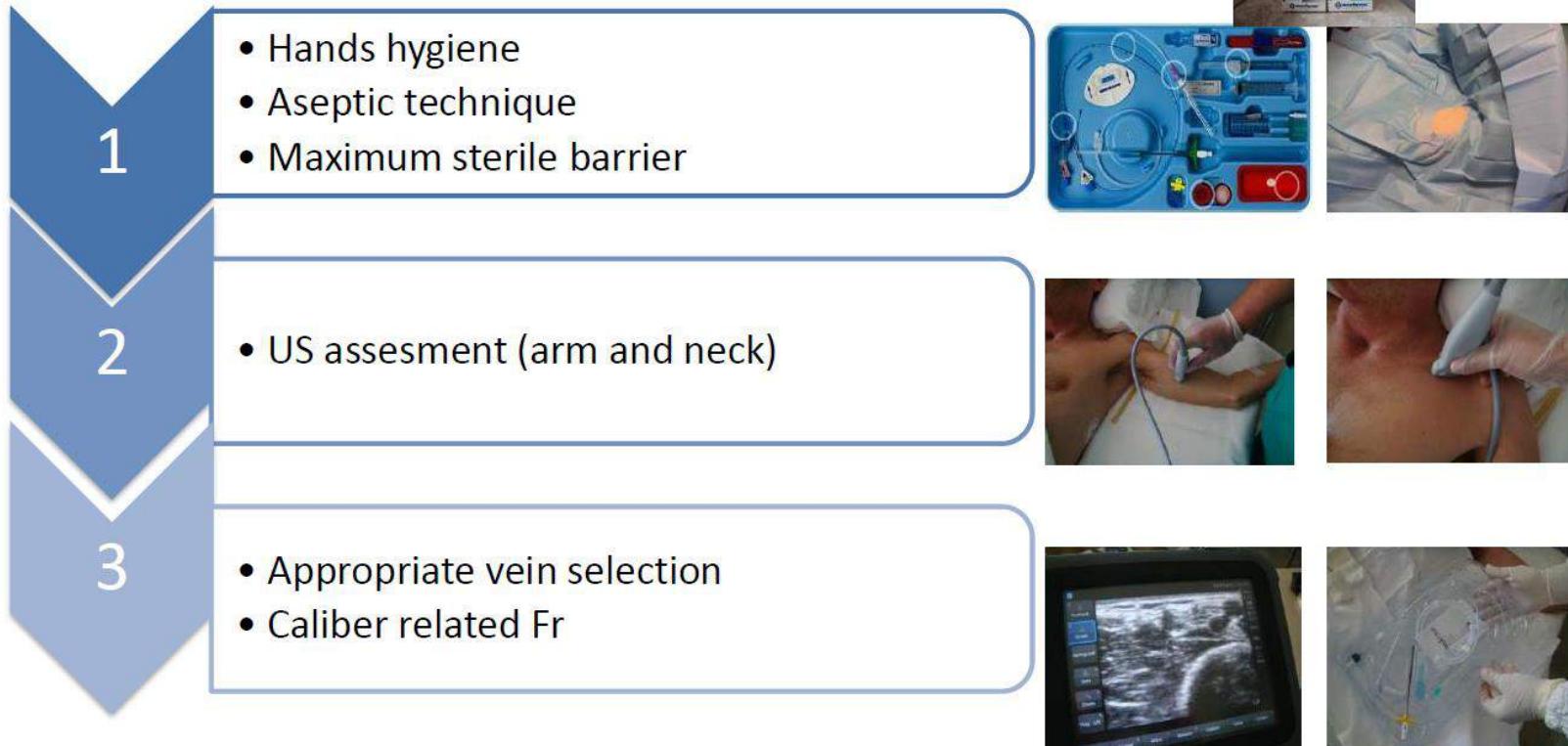
- INSERTION and MANAGEMENT



Glue: avoiding bleeding & contamination



SIP-2 PROTOCOL



Glue: avoiding bleeding & contamination



4

- Nerve and artery identification



5

- Ecoguided puncture



6

- Jugular vein check during catheter progression



Glue: avoiding bleeding & contamination



- EKG for tip final position



- Use of sutureless devices
- Use of cyanoacrylate



GruMAV

GAVECeLT

Is there something better?



Transparent
No need of removal



Cheap
Monodose
Sterile



Clean application
Easy to use



No skin or
catheter damage

One size does not fit all



Kind centraal?



Vragen

