Risk of vascular trauma

Definition of the NANDA label

The Risk of vascular trauma is the probability of suffering an injury to a vein and surrounding tissues related to the presence of a catheter and/or infusion of solutions.

Below, risk factors, NIC and NOC of the NANDA diagnosis “Risk of vascular trauma” are detailed.

Susceptible to damage to vein and its surrounding tissues related to the presence of a catheter and/or infused solutions, which may compromise health.

Risk factors

- Type of catheter.
- Caliber of the catheter.
- Inability to visualize the insertion site.
- Inadequate fixation of the catheter.
- Rate of infusion.
- Insertion area.
- Duration of insertion.
- Composition of the solution (eg: concentration, chemical irritant, temperature, pH).
Associated condition

- Irritating solution
- Rapid infusion rate

NOC

- Adequate peripheral vascular perfusion.
- Risk control.
- Healthy behavior.

NIC

- Vascular monitoring.
- Monitoring of vital signs.
- Monitoring of the skin condition.
- Control of peripheral perfusions.