

SoftCheck® Notes



- **Neonatal Blood Pressure Cuffs**

- *Extra Softness for our most Vulnerable Patients*
- *Three Styles of Fabric*
- *Low profile, Genuine Velcro®*
- *Complete Range of Sizes*

- **Dependable, accurate blood pressure monitoring**

- Blood Pressure is a significant indicator of cardiovascular function. In preemies, hypotension is a great concern because they have a limited ability to autoregulate cerebral blood flow when compared to a full-term infant. Prompt identification of hypotension potentially decreases the risk of complications from cerebral ischemic injury or intraventricular hemorrhage.¹

- **Products you know and trust**

- CASMED uses only genuine Velcro hook and loop closures on our BP Cuffs to ensure dependability.
- CASMED offers three distinct product lines of Neonatal BP Cuffs
 - Fabric: Super-soft Sontara fabric to protect baby's skin
 - Vinyl: Extra soft, wipe-able vinyl for those messy situations
 - Non-PVC: Ultra-soft Urethane fabric for the maximum protection
- Color-coded for easy identification
- All SoftCheck Neonatal BP Cuffs come with a choice of three styles of fitting:



Standard
Male Fitting



Bayonet
Fitting



Small 3/16"
Male Fitting

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- **Non-PVC/ Non-DEHP**

- Our SoftCheck Free Cuff is the softest Neonatal cuff available today!
- During the manufacture and incineration of PVC and PVC products, Dioxin, a known carcinogen, can be formed and released into the atmosphere.
 - Dioxin illnesses include cancer, learning disabilities, endometriosis, infertility, suppressed immune function, reduced IQ, hyperactive behavior in children
- DEHP, a phthalate used to soften PVC plastics can leach from devices and is linked to reproductive birth defects and other illnesses.²
 - DEHP is linked to damage in the liver, kidneys, lungs, and reproductive system; esp. developing testes
- High Risk Populations include critically ill or extra-small male neonates, pregnant and lactating women (especially if with a male child), pediatric patients, and adolescent boys.
- A NICU patient is exposed to DEHP during multiple medical procedures. A substantial percentage of the estimated tolerable intake level can be reached just by intravenous infusion.³
- Several Drugs can exacerbate the leaching of DEHP⁴:
 - Blood & Blood Products
 - Lipid Emulsions
 - Cyclosporine: is an immunosuppressant used for transplant patients
 - Docetaxel: prohibits the growth of cancer cells; it prohibits cell division

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- More Drugs that can exacerbate the leaching of DEHP:
 - Etoposide: also prohibits cancer cell growth; it unravels DNA strands, causing cell death
 - Paclitaxel: slows or stops the growth of cancer cells; it also interferes with cell reproduction
 - Teniposide: is used to treat leukemia in children

1. Stebor, A. Basic Principles of Noninvasive Blood Pressure Measurement in Infants, *Advances in Neonatal Care*, Vol 5, No 5, October 2005.
2. http://www.noharm.org/us_canada/issues/toxins/pvc_phthalates/
3. Recent Scientific Thinking about DEHP Toxicity @2003 B Braun
4. Recent Scientific Thinking about DEHP Toxicity @2003 B Braun

Evaluation Form

SoftCheck® Blood Pressure Cuffs

Please evaluate the SoftCheck BP Cuff that your patient is using today.

Thank you for your consideration.

Evaluator's Name:	_____				
Date & Time Applied:	_____		Date & Time Removed: _____		
SoftCheck Cuff:	#1	#2	#3	#4	#5
Rank each statement using the following scale. Circle your answer.					
	5	4	3	2	1
	Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree
1. Appropriate sizes for patient	1	2	3	4	5
1. Satisfactory inflation and deflation	1	2	3	4	5
1. Easy to apply and remove	1	2	3	4	5
1. Does the cuff fit securely to the monitor?	1	2	3	4	5
1. Would you recommend the purchase of SoftCheck Blood Pressure Cuffs?	1	2	3	4	5
Comments:	_____ _____ _____ _____				