

 Rumah Sakit Unhas	PERAWATAN BAYI DALAM INKUBATOR		
	No. Dokumen 1900/UN4.24.0/OT.01.00/2023	No. Revisi 4	Halaman 1/2
PROSEDUR OPERASIONAL STANDAR BIDANG KEPERAWATAN	Tanggal Terbit 17 Februari 2023	 Ditetapkan, Direktur Utama, dr. Andi Muhammad Ichsan, PhD, Sp.M(K) NIP. 197002122008011013	
Pengertian	Memberikan perawatan pada bayi dengan berat badan lahir rendah (BBLR) <2500 gram dengan menggunakan inkubator untuk memberikan suhu lingkungan yang optimal		
Tujuan	Untuk menjaga suhu tubuh normal bayi (36,5°C – 37,5°C) dan mencegah terjadinya hipotermi pada bayi BBLR.		
Kebijakan	1. Keputusan Direktur Rumah Sakit Universitas Hasanuddin Nomor 83/UN4.24/2022 tentang pedoman pelayanan pasien risiko tinggi dan penyediaan pelayanan risiko tinggi di Rumah sakit Universitas Hasanuddin Makassar 2. Peraturan Direktur Utama Rumah Sakit Unhas Nomor 37/UN4.24.0/2023 Tentang Pedoman Pelayanan <i>Neonatal Intensive Care Unit</i> (NICU) 3. Surat Keputusan Direktur Rumah Sakit Universitas Hasanuddin Makassar Nomor 77/UN4.24.0/2023 tentang Pedoman Penyelenggaraan Pelayanan Keperawatan di Rumah Sakit Universitas Hasanuddin Makassar		
Prosedur	1. Persiapan alat : a. Inkubator b. Termometer c. Aquades Steril 1000 ml d. Linen/kain selimut bayi 2. Persiapan pasien a. Cek instruksi dokter. Identifikasi pasien sesuai dengan nama pasien, tanggal lahir, dan nomor rekam medis b. Persiapkan posisi klien dengan tepat dan nyaman. Bayi diletakkan sementara di bawah radiant warmer 3. Prosedur a. Periksa fungsi unit inkubator b. Hubungkan unit inkubator ke sumber listrik c. Pastikan air steril/aquadest pada <i>humidifier</i> inkubator terisi sesuai dengan batas pada <i>humidifier</i> inkubator d. Nyalakan inkubator. Atur starting temperature disesuaikan dengan usia dan berat badan berdasar pada tabel <i>neutral thermal environmental</i> (NTE) e. Siapkan tempat tidur/nest bayi menggunakan kain/selimut bayi. f. Berikan waktu 30 menit untuk menghangatkan inkubator		

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	g. Lakukan kebersihan tangan 6 langkah h. Posisikan bayi dalam inkubator. i. Pantau suhu tubuh bayi dalam keadaan suhu normal. j. Apabila bayi hipertermi suhu inkubator diturunkan 0,4°C, dan jika bayi hipotermi suhu inkubator dinaikkan 0,2°C. k. Lakukan kebersihan tangan 6 langkah l. Pertahankan suhu inkubator sesuai range temperature pada tabel NTE. m. Bersihkan inkubator setiap shift n. Ganti inkubator setiap 1 minggu pemakaian o. Dokumentasikan prosedur yang telah dilakukan dan respon pasien Tabel <i>neutral thermal environmental</i> (NTE) <table><tr><th>Age and weight</th><th>Starting temperature (°C)</th><th>Range of temperature (°C)</th></tr><tr><td>0-4 hours</td><td></td><td></td></tr><tr><td>Under 1200 g*</td><td>start @ 36.5°</td><td>34.0-35.4</td></tr><tr><td>1200-1500 g</td><td></td><td>33.9-34.4</td></tr><tr><td>1501-2500 g</td><td></td><td>32.8-33.8</td></tr><tr><td>Over 2500 g (mat > 36 weeks)</td><td>start @ 35-36°</td><td>32.8-33.8</td></tr><tr><td>6-12 hours</td><td></td><td></td></tr><tr><td>Under 1200 g</td><td>35.0</td><td>34.0-35.4</td></tr><tr><td>1200-1500 g</td><td>34.0</td><td>33.5-34.4</td></tr><tr><td>1501-2500 g</td><td>33.1</td><td>32.2-33.8</td></tr><tr><td>Over 2500 g (mat > 36 weeks)</td><td>32.8</td><td>31.4-33.8</td></tr><tr><td>12-24 hours</td><td></td><td></td></tr><tr><td>Under 1200 g</td><td>34.0</td><td>34.0-35.4</td></tr><tr><td>1200-1500 g</td><td>33.8</td><td>33.3-34.3</td></tr><tr><td>1501-2500 g</td><td>32.8</td><td>31.8-33.8</td></tr><tr><td>Over 2500 g (mat > 36 weeks)</td><td>32.4</td><td></td></tr><tr><td>24-36 hours</td><td></td><td></td></tr><tr><td>Under 1200 g</td><td>34.0</td><td>34.0-35.0</td></tr><tr><td>1200-1500 g</td><td>33.6</td><td>33.1-34.2</td></tr><tr><td>1501-2500 g</td><td>32.6</td><td>31.6-33.6</td></tr><tr><td>Over 2500 g (mat > 36 weeks)</td><td>32.1</td><td>30.7-33.5</td></tr><tr><td>36-48 hours</td><td></td><td></td></tr><tr><td>Under 1200 g</td><td>34.0</td><td>34.0-35.0</td></tr><tr><td>1200-1500 g</td><td>33.5</td><td>33.0-34.1</td></tr><tr><td>1501-2500 g</td><td>32.5</td><td>31.4-33.5</td></tr><tr><td>Over 2500 g (mat > 36 weeks)</td><td>31.9</td><td>30.5-33.3</td></tr><tr><td>48-72 hours</td><td></td><td></td></tr><tr><td>Under 1200 g</td><td>34.0</td><td>34.0-35.0</td></tr><tr><td>1200-1500 g</td><td>33.5</td><td>33.0-34.0</td></tr><tr><td>1501-2500 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g*	start @ 36.5°	34.0-35.4	1200-1500 g		33.9-34.4	1501-2500 g		32.8-33.8	Over 2500 g (mat > 36 weeks)	start @ 35-36°	32.8-33.8	6-12 hours			Under 1200 g	35.0	34.0-35.4	1200-1500 g	34.0	33.5-34.4	1501-2500 g	33.1	32.2-33.8	Over 2500 g (mat > 36 weeks)	32.8	31.4-33.8	12-24 hours			Under 1200 g	34.0	34.0-35.4	1200-1500 g	33.8	33.3-34.3	1501-2500 g	32.8	31.8-33.8	Over 2500 g (mat > 36 weeks)	32.4		24-36 hours			Under 1200 g	34.0	34.0-35.0	1200-1500 g	33.6	33.1-34.2	1501-2500 g	32.6	31.6-33.6	Over 2500 g (mat > 36 weeks)	32.1	30.7-33.5	36-48 hours			Under 1200 g	34.0	34.0-35.0	1200-1500 g	33.5	33.0-34.1	1501-2500 g	32.5	31.4-33.5	Over 2500 g (mat > 36 weeks)	31.9	30.5-33.3	48-72 hours			Under 1200 g	34.0	34.0-35.0	1200-1500 g	33.5	33.0-34.0	1501-2500 g	32.3	31.2-33.4	Over 2500 g (mat > 36 weeks)	31.7	30.1-33.2	72-96 hours			Under 1200 g	34.0	34.0-35.0	1200-1500 g	33.5	33.0-34.0	1501-2500 g	32.2	31.1-33.2	Over 2500 g (mat > 36 weeks)	31.3	29.8-32.8	4-12 days			Under 1500 g	33.5	33.0-34.0	1501-2500 g	32.1	31.6-33.2	Over 2500 g (mat > 36 weeks)			4-5 days	31.0	29.5-32.6	5-6 days	30.9	29.4-32.3	6-8 days	30.6	29.0-32.2	8-10 days	30.3	28.6-31.8	10-12 days	30.1	29.0-31.4	12-14 days			Under 1500 g	33.5	32.6-34.0	1501-2500 g	32.1	31.6-33.2	Over 2500 g (mat > 36 weeks)	29.8	29.0-30.8	2-3 weeks			Under 1500 g	33.1	32.2-34.0	1501-2500 g	31.7	30.5-33.0	3-4 weeks			Under 1500 g	32.6	31.6-33.6	1501-2500 g	31.4	30.0-32.7	4-5 weeks			Under 1500 g	32.0	31.2-33.0	1501-2500 g	30.9	29.5-32.2	5-6 weeks			Under 1500 g	31.4	30.6-32.3	1501-2500 g	30.4	29.0-31.8
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