

Mācību materiāli, kas jāapgūst, lai sagatavotos eksāmenam:

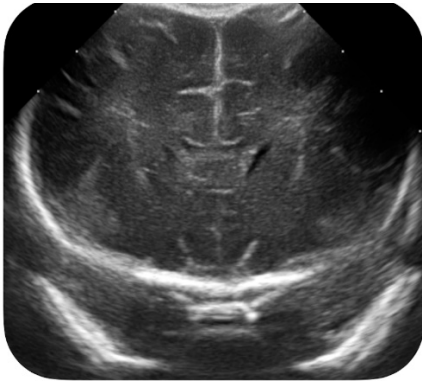
1. “An Atlas of Neonatal Brain Sonography” 2nd Edition, 2010, Paul Govaert, Linda S. de Vries
2. “Neonatal Cranial Ultrasonography” 3rd Edition, 2019, Gerda Meijler, Sylke J. Steggerda
3. “State of art cranial ultrasound imaging in neonates” G. Ecury- Goossen, Fleur Camfferman, Lara Leijser, Paul Govaert J.Dudink J Vis Exp. 2015 Feb 2 (96): e52238, DOI: 10.3791/52238,
pieejams: <https://pubmed.ncbi.nlm.nih.gov/25742241/>
4. “State-of-the-art neonatal cerebral ultrasound: technique and reporting” J.Dudink, S.J.Steggerda, S.Horsch, *Pediatr Res.* 2020 Mar;87(Suppl 1):3-12. DOI: 10.1038/s41390-020-0776-y,
pieejams: <https://pubmed.ncbi.nlm.nih.gov/32218539/>
5. “Intraventricular Hemorrhage and Posthemorrhagic Ventricular Dilatation: Current Approaches to Improve Outcomes” D. Wilson, Kim Dionne, S.Breibart, *Neonatal Network*, Vol. 39, No.3, May/June 2020,
pieejams: <https://torontocentreforneonatalhealth.com/wp-content/uploads/2020/06/IVH-and-PHVD.pdf> (**!Pievērst uzmanību Lēvena indeksa līknēm 164.lpp!**)
6. Consensus Approach for Standardizing the Screening and Classification of Preterm Brain Injury Diagnosed With Cranial Ultrasound: A Canadian Perspective, *Front. Pediatr.*, 08 Mar 2021, Sec. Neonatology, Vol.9-2021,
pieejams : <https://doi.org/10.3389/fped.2021.618236>
7. East of England Neonatal Neuroprotection Guideline, Management of Post Haemorrhagic Ventricular Dilatation, C. Bhatia, C. C. Ganado, T. Austin, Sep 2023,
pieejams: <https://www.eoneonatalpccsicnetwork.nhs.uk/wp-content/uploads/2021/10/PHVD-Guideline.pdf> (**Rīcības algoritms pie ventrikuļu dilatācijas**)

Papildus informācija par NSG attēliem:

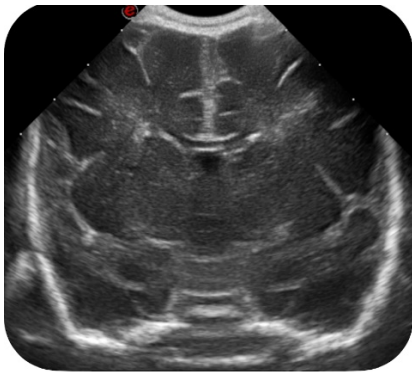
NSG attēlu paraugi visās plaknēs (paraugs kādās plaknēs un kvalitātē vajadzētu būt attēliem)

(Attēli ņemti no *eur:US.brain tutorial un Pediatr Res 2020 Mar;87 State-of-the-art neonatal cerebral ultrasound: technique and reporting Jeroen Dudin*)

1. Koronārā plakne



1. *Anterior* koronārā plakne (*sulcus olfactorius* līmenis)



2. Koronārā plakne *foramen Monro* līmenī



3. Koronārā plakne, *thalamus* līmenis



4. Koronārā plakne, *plexus chorioidea (atria)* līmenis

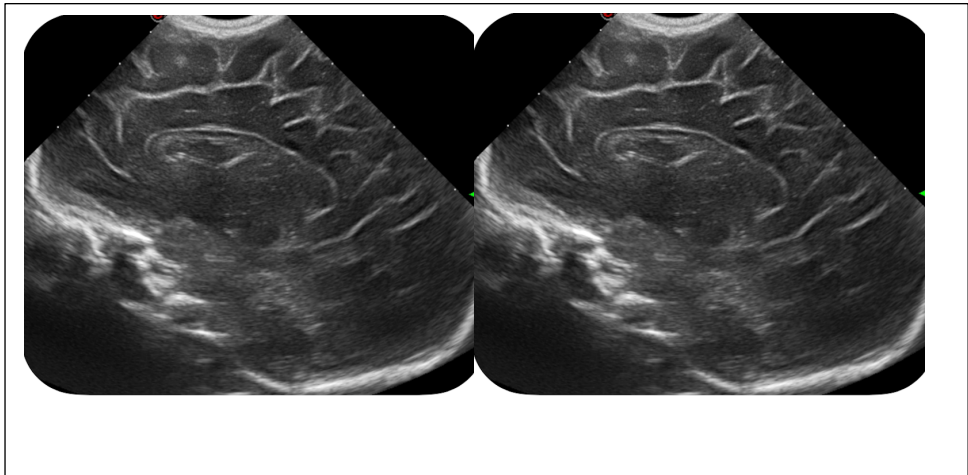


5. Koronarā plakne, *posterior* līmenis

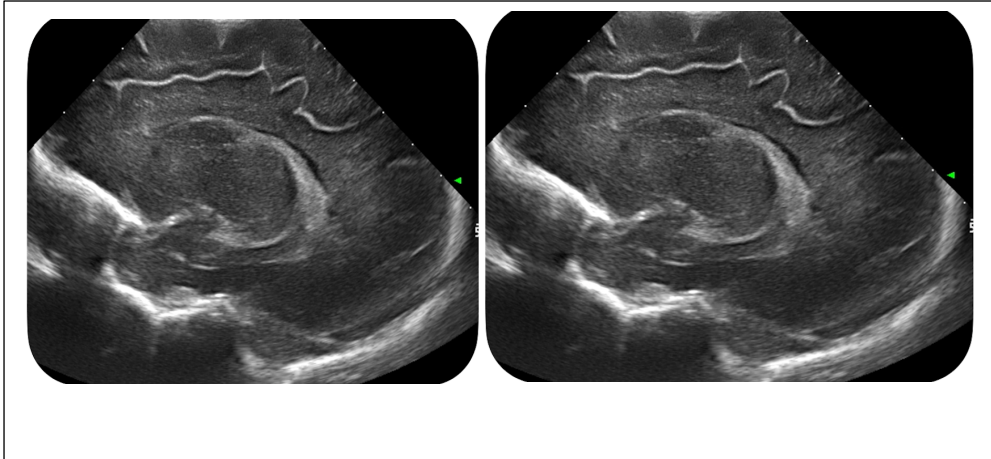
2. Sagitālā plakne



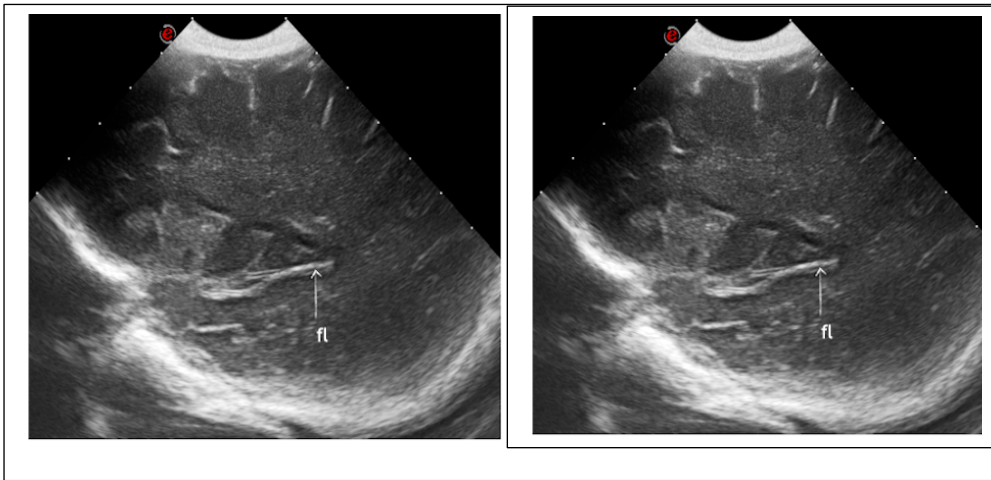
1. Viduslīnija (attēlā jābūt pilnībā ietvertiem gan *Corpus Callosum*, gan *Cerebellum*)



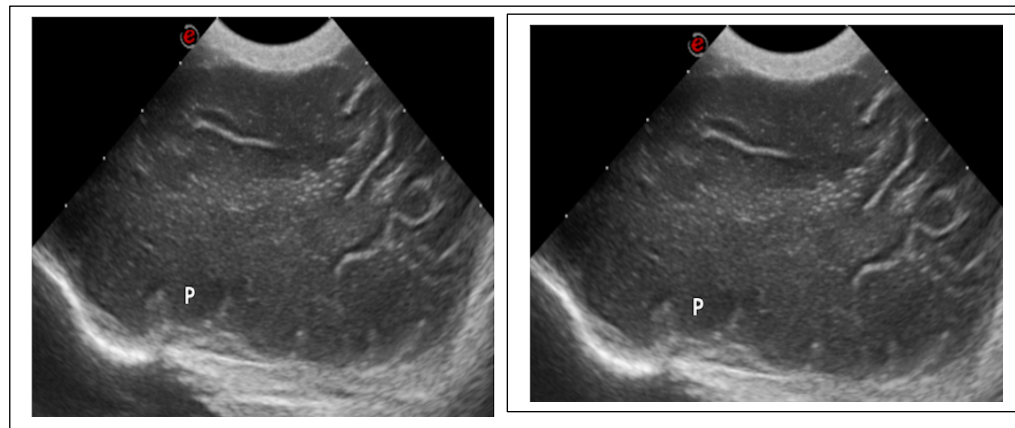
2. Parasagitālā plakne *caudothalamicus* rievās līmenī



3. Parasagitālā plakne *gangliothalamicus* rievas līmenī



4. Parasagitālā plakne Reili insulas līmenī



5. Parasagitālā plakne. Smadzeņu virsmas līmenis