**Cerebrum: Frontal, Parietal, Temporal, Occipital**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Cortex** |  |  |  |  |  |  |  |  |  |
|  | **T2 signal** | **Edema/Swelling** | **DWI** | **Enhancement** | **Atrophy/Volume loss** | **Cystic Enceph/Gliosis** | **Calcs** | **Iron** | **Hemosiderin** |
| Left |  |  |  |  |  |  |  |  |  |
| Right |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **White Matter** |  |  |  |  |  |  |  |  |  |  |
|  |  | **T2 signal** | **Edema/Swelling** | **DWI** | **Enhancement** | **Atrophy/Volume loss** | **Cystic Enceph/Gliosis** | **Calcs** | **Iron** | **Hemosiderin** |
| Left | Subcort |  |  |  |  |  |  |  |  |  |
|  | Periv |  |  |  |  |  |  |  |  |  |
| Right | Subcort |  |  |  |  |  |  |  |  |  |
|  | Periv |  |  |  |  |  |  |  |  |  |

**Deep Grey Nuclei**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **T2 signal** | **Edema/Swelling** | **DWI** | **Enhancement** | **Atrophy/Volume loss** | **Cystic Enceph/Gliosis** | **Calcs** | **Iron** | **Hemosiderin** |
| Left | Caduate |  |  |  |  |  |  |  |  |  |
|  | Putamen |  |  |  |  |  |  |  |  |  |
|  | Globus Pallidus |  |  |  |  |  |  |  |  |  |
|  | Thalamus |  |  |  |  |  |  |  |  |  |
| Right | Caduate |  |  |  |  |  |  |  |  |  |
|  | Putamen |  |  |  |  |  |  |  |  |  |
|  | Globus Pallidus |  |  |  |  |  |  |  |  |  |
|  | Thalamus |  |  |  |  |  |  |  |  |  |

**Cerebellum**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Cortex** |  |  |  |  |  |  |  |  |  |
|  | **T2 signal** | **Edema/Swelling** | **DWI** | **Enhancement** | **Atrophy/Volume loss** | **Cystic Enceph/Gliosis** | **Calcs** | **Iron** | **Hemosiderin** |
| Left |  |  |  |  |  |  |  |  |  |
| Right |  |  |  |  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **White Matter** |  |  |  |  |  |  |  |  |  |  |
|  |  | **T2 signal** | **Edema/Swelling** | **DWI** | **Enhancement** | **Atrophy/Volume loss** | **Cystic Enceph/Gliosis** | **Calcs** | **Iron** | **Hemosiderin** |
| Left | Subcort |  |  |  |  |  |  |  |  |  |
|  | Periv |  |  |  |  |  |  |  |  |  |
| Right | Subcort |  |  |  |  |  |  |  |  |  |
|  | Periv |  |  |  |  |  |  |  |  |  |

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| **Vermis** |  |  |  |  |  |  |  |  |  |
|  | **T2 signal** | **Edema/Swelling** | **DWI** | **Enhancement** | **Atrophy/Volume loss** | **Cystic Enceph/Gliosis** | **Calcs** | **Iron** | **Hemosiderin** |
|  |  |  |  |  |  |  |  |  |  |

**Brainstem**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **T2 signal** | **Edema/Swelling** | **DWI** | **Enhancement** | **Atrophy/Volume loss** | **Cystic Enceph/Gliosis** | **Calcs** | **Iron** | **Hemosiderin** |
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**White Matter Tracts**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Corpus Callosum** |  |  |  |  |  |  |  |  |  |
|  | **T2 signal** | **Edema/Swelling** | **DWI** | **Enhancement** | **Atrophy/Volume loss** | **Cystic Enceph/Gliosis** | **Calcs** | **Iron** | **Hemosiderin** |
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| **Ant. Commissure** |  |  |  |  |  |  |  |  |  |
|  | **T2 signal** | **Edema/Swelling** | **DWI** | **Enhancement** | **Atrophy/Volume loss** | **Cystic Enceph/Gliosis** | **Calcs** | **Iron** | **Hemosiderin** |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Fornix** |  |  |  |  |  |  |  |  |  |
|  | **T2 signal** | **Edema/Swelling** | **DWI** | **Enhancement** | **Atrophy/Volume loss** | **Cystic Enceph/Gliosis** | **Calcs** | **Iron** | **Hemosiderin** |
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| **Hippocampal Commissure** |  |  |  |  |  |  |  |  |  |
|  | **T2 signal** | **Edema/Swelling** | **DWI** | **Enhancement** | **Atrophy/Volume loss** | **Cystic Enceph/Gliosis** | **Calcs** | **Iron** | **Hemosiderin** |
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| **Central Tegmental Tracts** |  |  |  |  |  |  |  |  |  |
|  | **T2 signal** | **Edema/Swelling** | **DWI** | **Enhancement** | **Atrophy/Volume loss** | **Cystic Enceph/Gliosis** | **Calcs** | **Iron** | **Hemosiderin** |
|  |  |  |  |  |  |  |  |  |  |

**Miscellaneous: Dorsal column, Medullary pyramids, Medial lemniscus, Trigeminal tracts, Superior/inferior cerebellar peduncles**

**Malformations of Development**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Corpus Callosum** |  |  |  |  |  |  |
|  | **Partial agenesis** | **Rostrum** | **Splenium** | **Posterior** | **Body Anterior Body** | **Complete agenesis** |
|  |  |  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Cerebellum** |  |  |  |
|  | **Vermian Hypoplasia** | **Hemispheric Hypoplasia: Right** | **Hemispheric Hypoplasia: Left** |
|  |  |  |  |

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| **Polymicrogyria** |  |  |  |  |  |  |
|  | **Insula** | **Frontal** | **Parietal** | **Temporal** | **Occipital** | **Cerebellum** |
| Left |  |  |  |  |  |  |
| Right |  |  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Heterotopia** |  |  |  |
|  | **Subependymal** | **Periventricular** | **Subcortical** |
| Left |  |  |  |
| Right |  |  |  |

**Myelination**

|  |  |  |  |
| --- | --- | --- | --- |
| **Demyelination** | **Delayed myelination** | **Hypomyelination** | **Dysmyelination** |
|  |  |  |  |

**Distribution of abnormal myelination: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Calculated age based on myelination pattern: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**