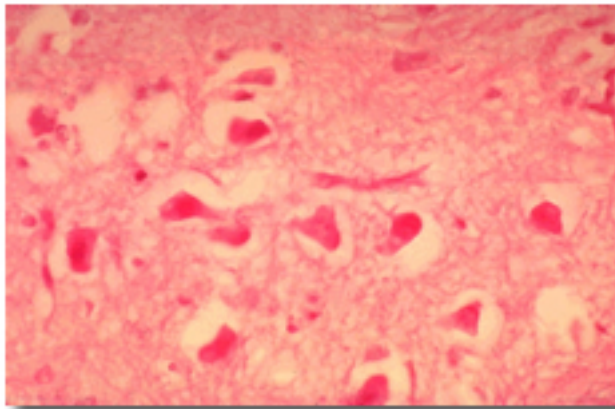


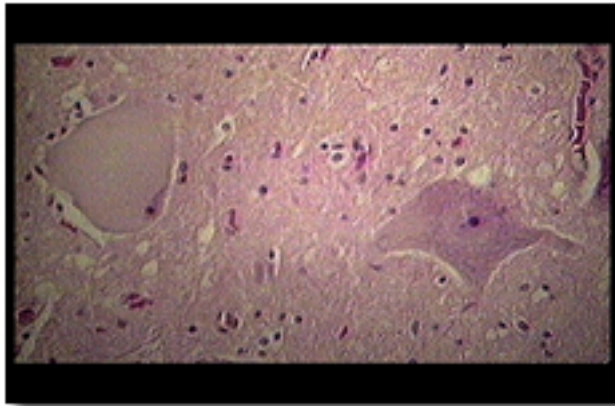
CP 01

This image shows three normal neurons in an H&E-stained section. The neurons are the large cells. The two on the right show a large nucleus with a nucleolus.



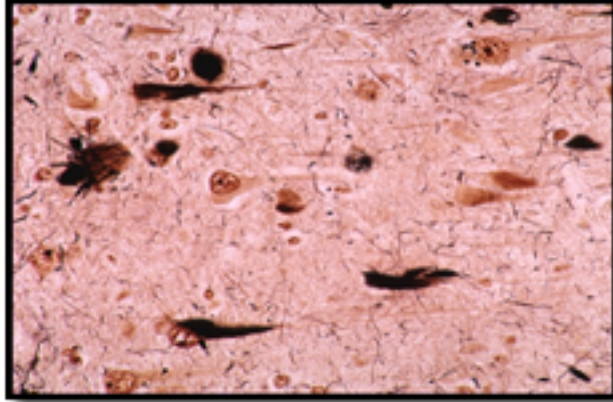
CP 02

This H&E-stained microscopic image illustrates ischemic neurons



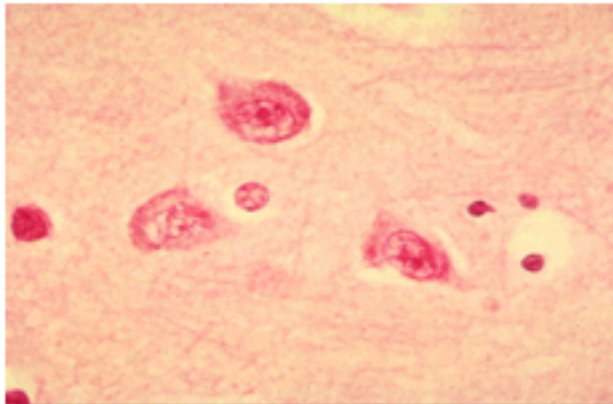
CP 03

The cell on the left is undergoing chromatolysis.



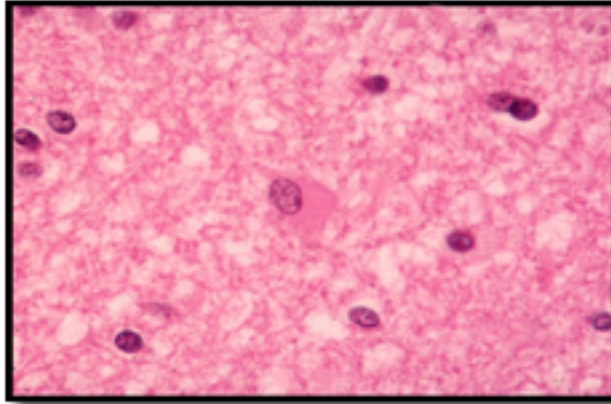
CP 04

Example of neurofibrillary tangles in a silver-stained section of cerebral cortex. The cytoplasm of the cell at the bottom is black - filled with paired helical filaments. One cell in the center of the field is normal.



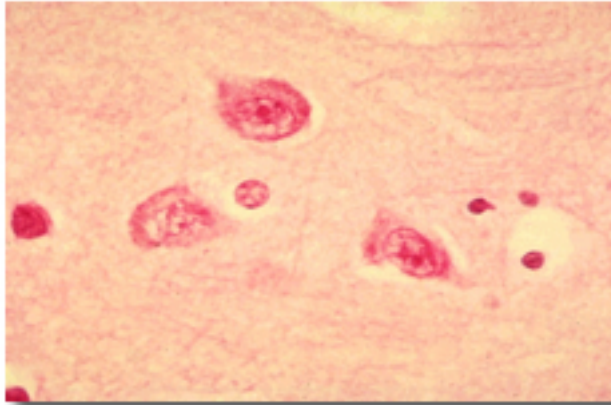
CP 05

In a normal H&E-stained section, only astrocyte nuclei are stained. In this image, one astrocyte nucleus is seen in the center of the three neurons.



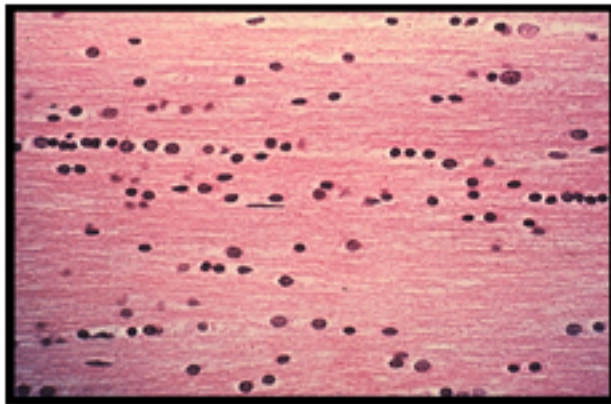
CP 06

A gemistocytic astrocyte is shown in the center of the image. Note the plump, swollen eosinophilic cytoplasm around a healthy nucleus



CP 07

Three oligodendrocyte nuclei in the gray matter are shown at the right (small dark nuclei)



CP 08

Oligodendrocyte nuclei are seen in the white matter, among myelinated axons. Some of the nuclei in this field are astrocytes.

Copyright © 2007 Michigan State University. All rights reserved. See credits on website (<http://www.echt.chm.msu.edu/neuropath>) for additional information.