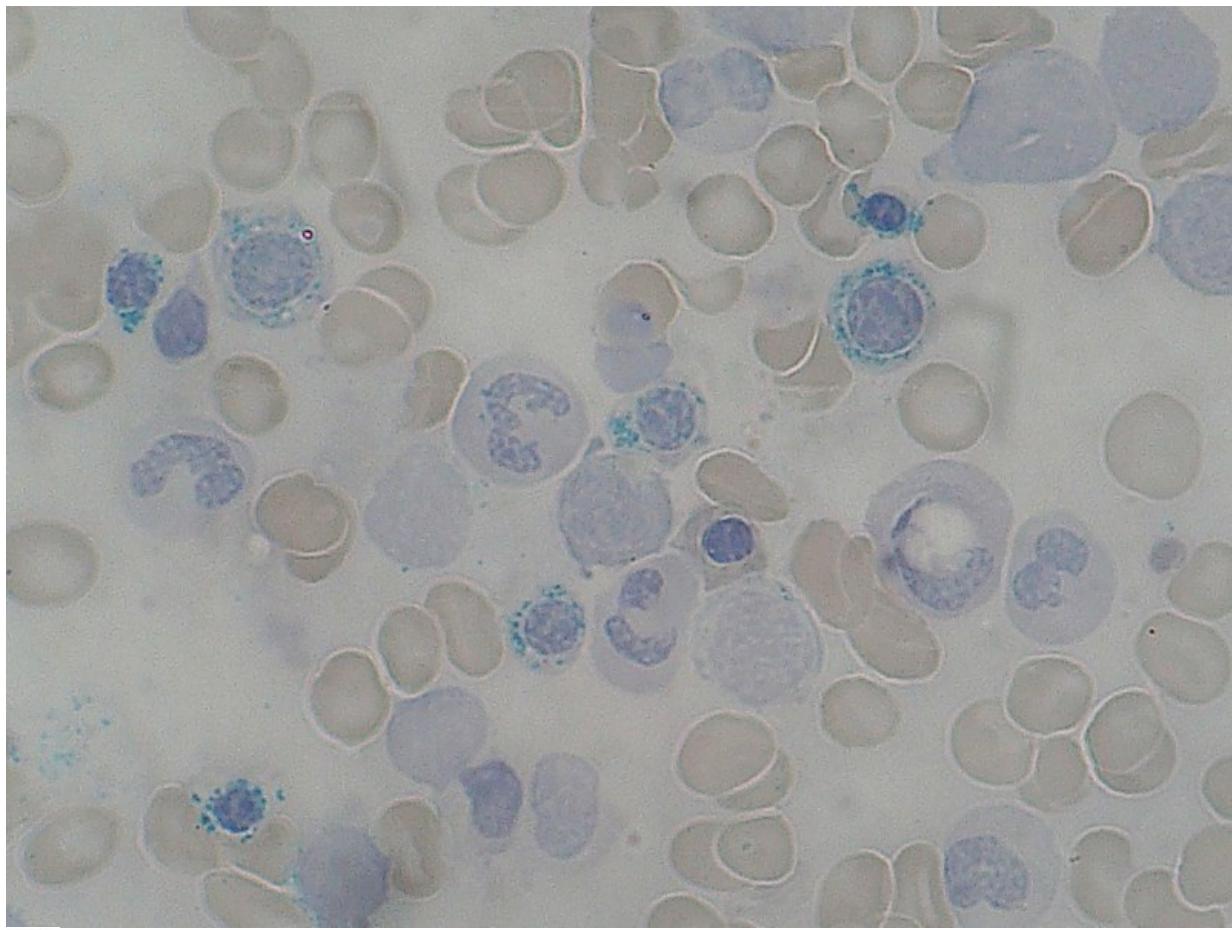


Soubor:Ring Sideroblast smear 2010-01-13.JPG



This image can contain annotations.
Move the mouse over the image to display.
Size of this preview: 798 × 599 pixels.

Original file (1,229 × 923 pixels, file size: 512 KB, MIME type: image/jpeg)

[Open in Media Viewer](#) [Settings](#)

This file is from Wikimedia Commons and may be used by other projects. The description on its file description page there is shown below.

Summary

Description	English: Ring sideroblasts: abnormal deposition of iron in the mitochondria of red cell precursors forming a ring around the nucleus. Português: Sideroblastos em anel: depósito anormal de ferro nas mitocôndrias de eritroblastos formando um anel ao redor do núcleo.
Date	13 January 2010
Source	Own work
Author	Paulo Henrique Orlandi Mourao

Bone Marrow / Perls stain

Licensing

I, the copyright holder of this work, hereby publish it under the following licenses:

This file is licensed under the Creative Commons Attribution-Share Alike 3.0 Unported (<https://creativecommons.org/licenses/by-sa/3.0/deed.en>) license.

You are free:



- **to share** – to copy, distribute and transmit the work
- **to remix** – to adapt the work

Under the following conditions:

- **attribution** – You must give appropriate credit, provide a link to the license, and indicate if changes were made. You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use.
- **share alike** – If you remix, transform, or build upon the material, you must distribute your contributions under the same or compatible license (<https://creativecommons.org/share-your-work/licensing-considerations/compatible-licenses>) as the original.

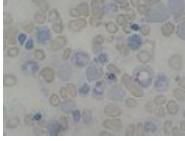


Permission is granted to copy, distribute and/or modify this document under the terms of the **GNU Free Documentation License**, Version 1.2 or any later version published by the Free Software Foundation; with no Invariant Sections, no Front-Cover Texts, and no Back-Cover Texts. A copy of the license is included in the section entitled *GNU Free Documentation License*.

You may select the license of your choice.

File history

Click on a date/time to view the file as it appeared at that time.

	Date/Time	Thumbnail	Dimensions	User	Comment
current	12:20, 19 January 2010		1,229 × 923 (512 KB)	wikimediacommons>Paulo Mourao	<p> {{Information Description= {{en 1=Ring sideroblasts: abnormal deposition of iron in the mitochondria of red cell precursors forming a ring around the nucleus.}} {{pt-br 1=Sideroblastos em anel: depósito anormal de ferro nas mitocôndrias de eritroblastos}}</p>

File usage

The following 3 pages use this file:

- Histochemie
- Pigment
- Sideroblastické anémie

Metadata

This file contains additional information, probably added from the digital camera or scanner used to create or digitize it.

If the file has been modified from its original state, some details may not fully reflect the modified file.

Camera model	DSC-W120
Camera manufacturer	SONY
Exposure time	1/125 sec (0.008)
F Number	f/2.8
ISO speed rating	125
Date and time of data generation	13:45, 13 January 2010
Lens focal length	5.35 mm