

Fig 3. Liver revealed mild fatty changes, multifocal areas of carbon particle deposition and focal areas of fibrous tissue proliferation with mononuclear cell infiltration

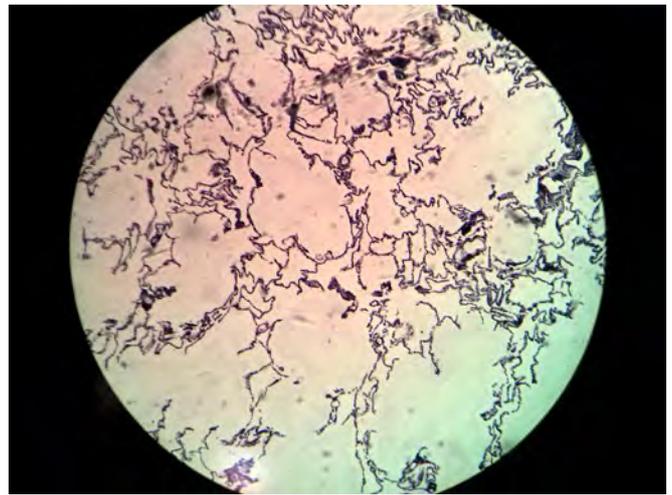


Fig 4. Lung showed multifocal areas of emphysema and diffuse black colored carbon particle deposition in the parenchyma

Conclusions

A variety of carbon particles induce acute to chronic conditions in animals. Access of animals to carbon particles is often by exposure to polluted or contaminated areas. Zoos provide unique hygiene and enrichment facilities but the duration of the captivity and polluted atmosphere can be one of the key factors behind accumulation of carbon particles in visceral organs in such cases. Hepatic cirrhosis can be associated with age of the animal.

References

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Announcement



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