

CASO DO MÊS SBP

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Berenstein

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Ribeiro



Dados clínicos

- Paciente do sexo feminino de 50 anos
- “Revisão de tumor cerebral”
- Diagnóstico prévio: astrocitoma grau III
- Pedido de revisão de lâminas

Exames de imagem

- Lesão expansiva heterogênea possivelmente sólido-cística intra-axial no hemisfério cerebelar direito circundada por edema sugestivo de edema vasogênico

P1R

M = 532 L = 266

Ex: 21108
Se: 10
In: 13
OSeg: R19.3-C
Contraste

LSP

HOSPITAL FELICIO RICO
Elizabeth Amal Costa
T. 50 11 04-0891
1995 02 Jan 1996
29 Mar 04

S2L

H1R



RIA

M = 1240 L = 620

Ex: 21108
Se: 11
In: 14
OCor: P41
Comp: 211

HOSPITAL FELICIO ROCHO
Elizab... General Costa
F. 5... 04-0891
DOB: 05 Jan 1954
20 Mar 04

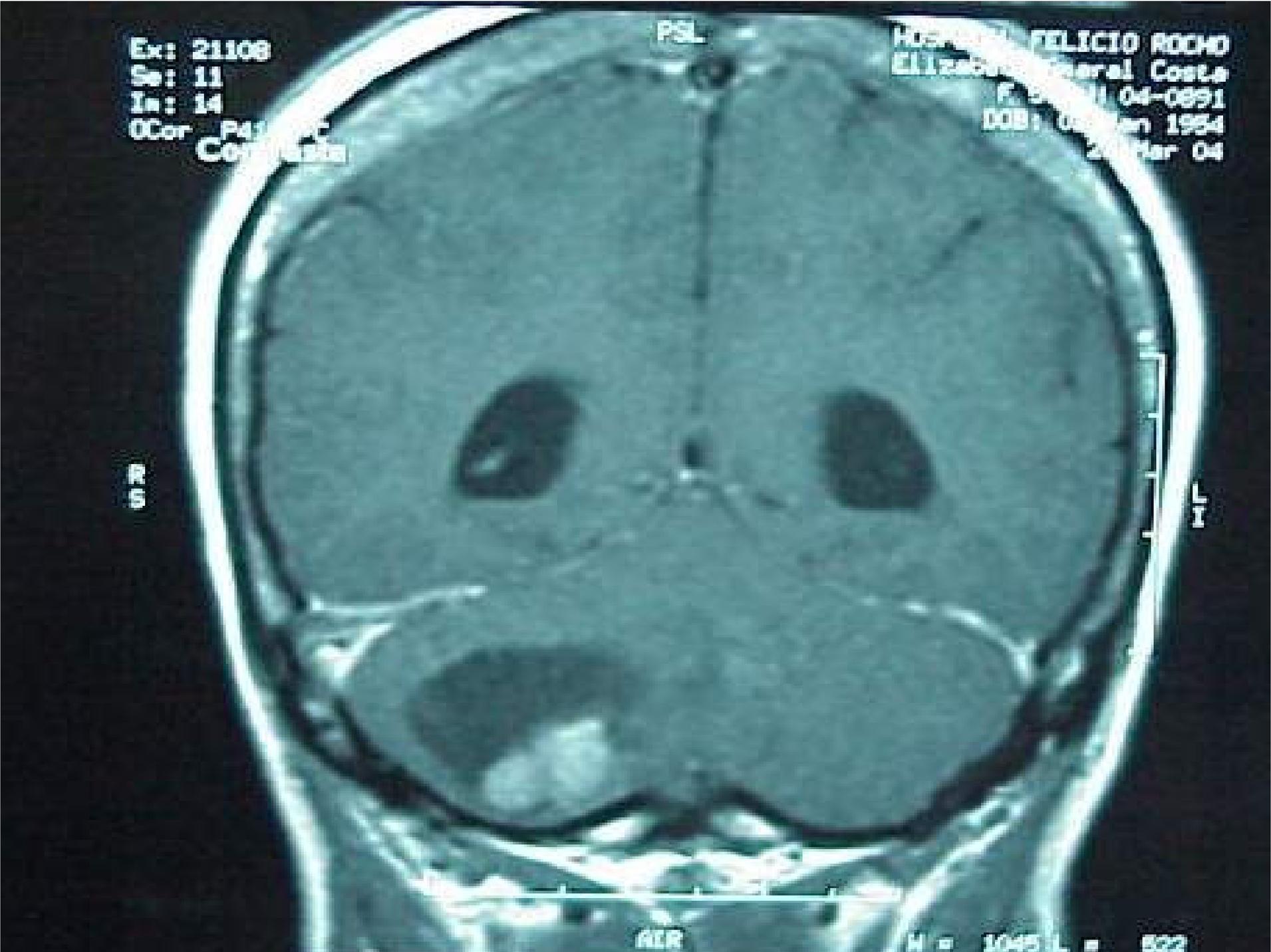
PSL

RS

RL

REC

M = 1045 L = 522



Ex: 21108
Se: 5
In: 15
OCor P35/8

PSL

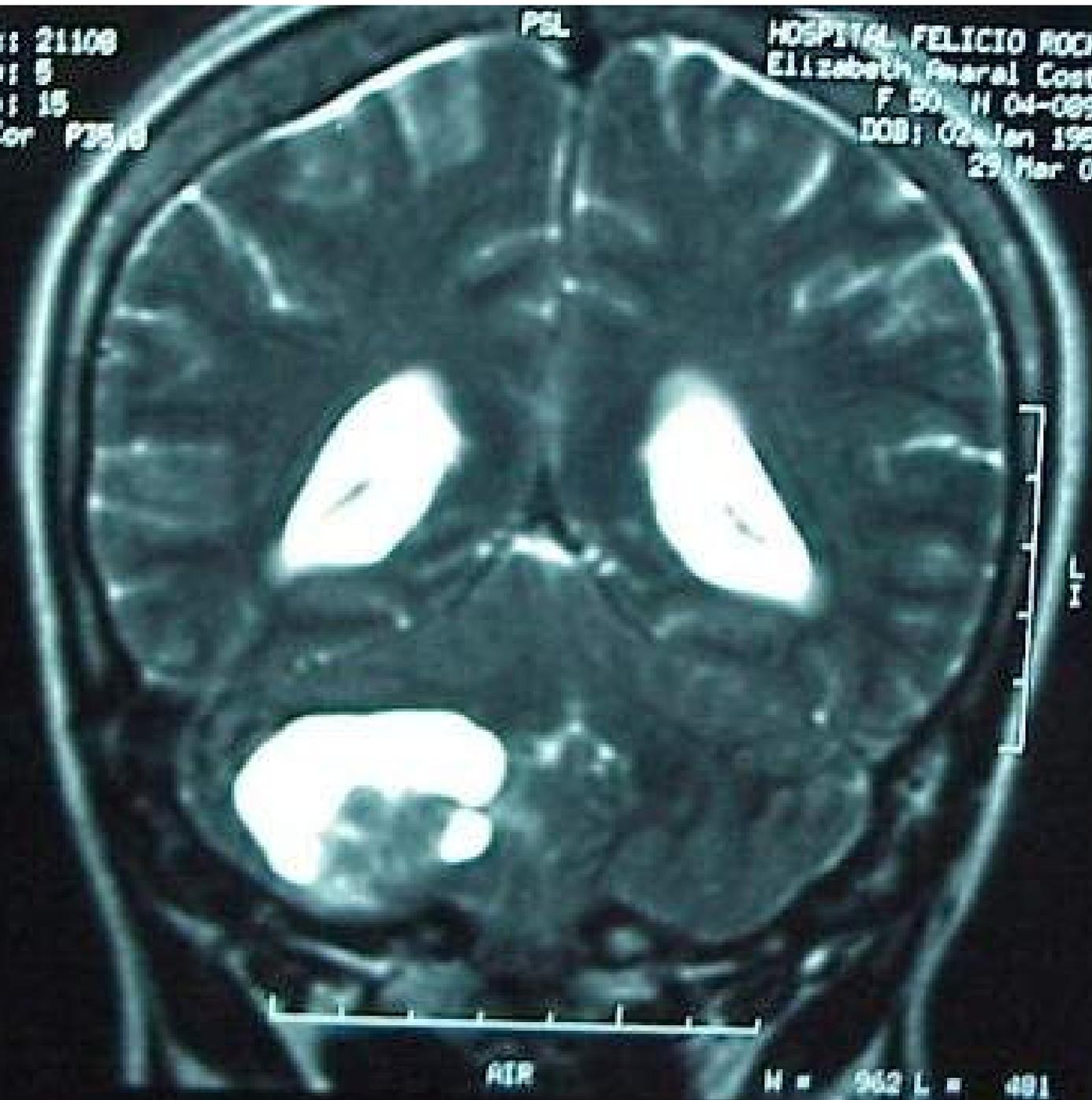
HOSPITAL FELICIO ROCHO
Elizabeth Arenal Costa
F. 50. H 04-0891
DOB: 02 Jan 1954
29 Mar 04

10/25

14/1

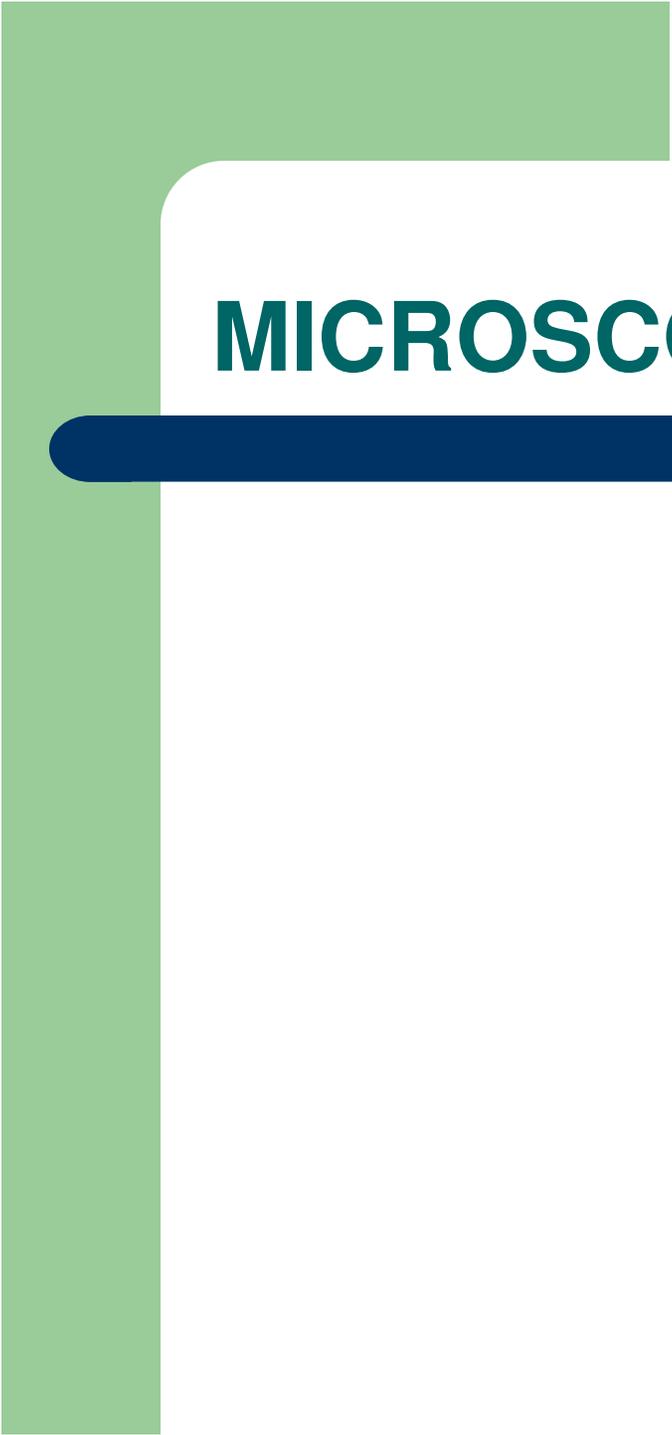
AIR

M = 262 L = 481



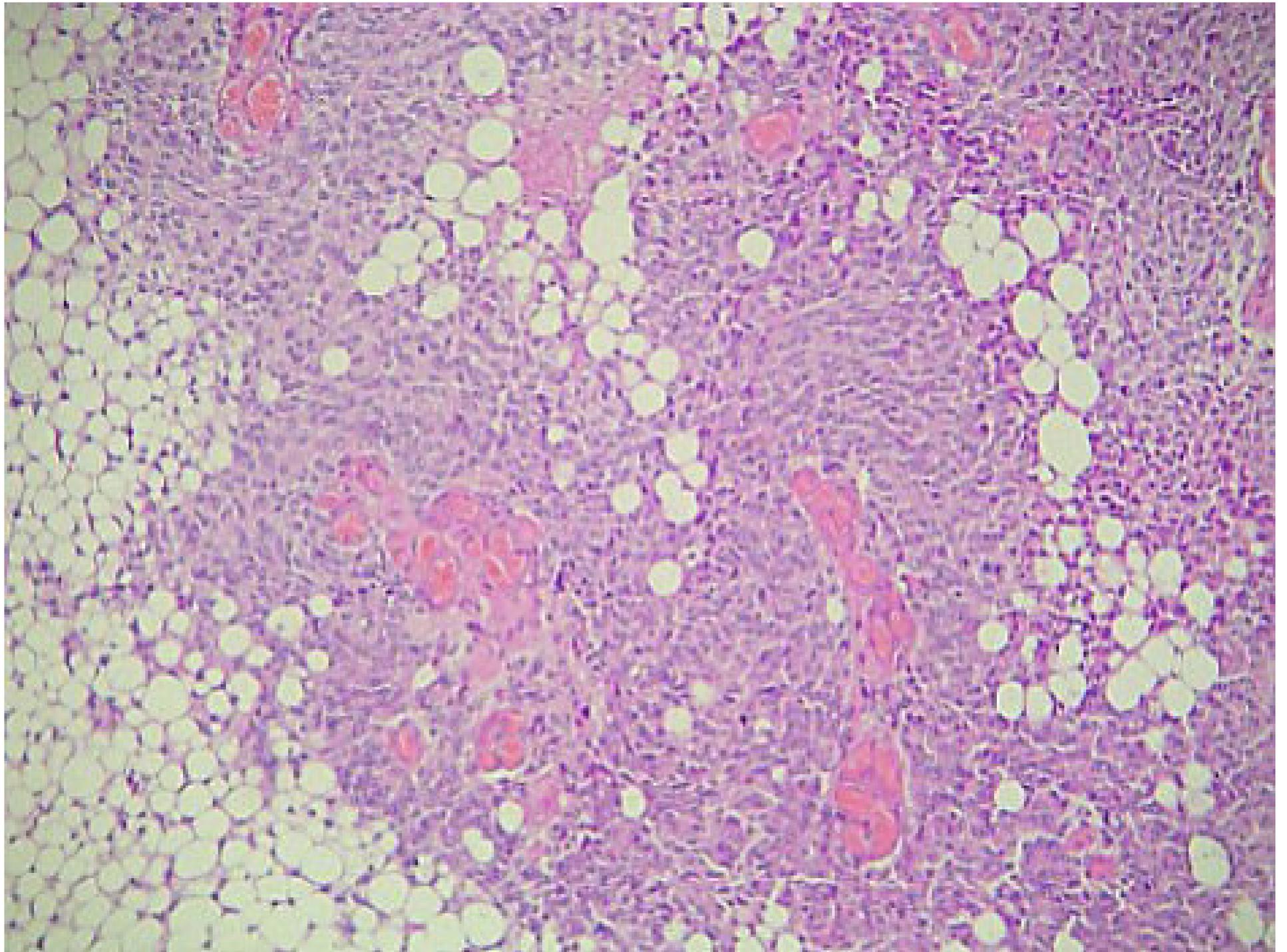
Exames de imagem

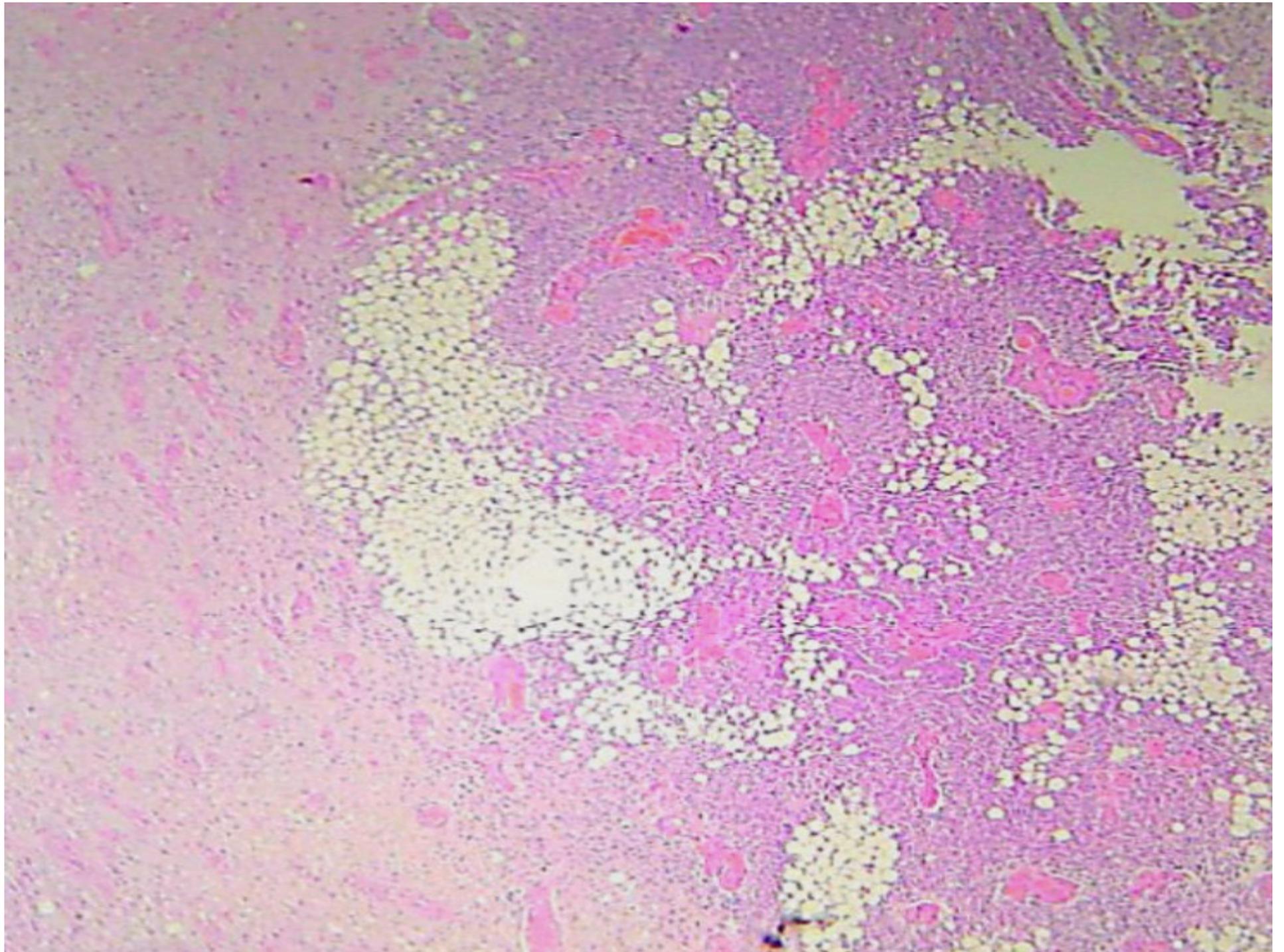
- O conjunto exerce efeito de massa sobre as estruturas adjacentes, havendo desvio do IV ventrículo e do tronco cerebral para a esquerda
- **HD**: Astrocitoma? Hemangioblastoma? Outros?

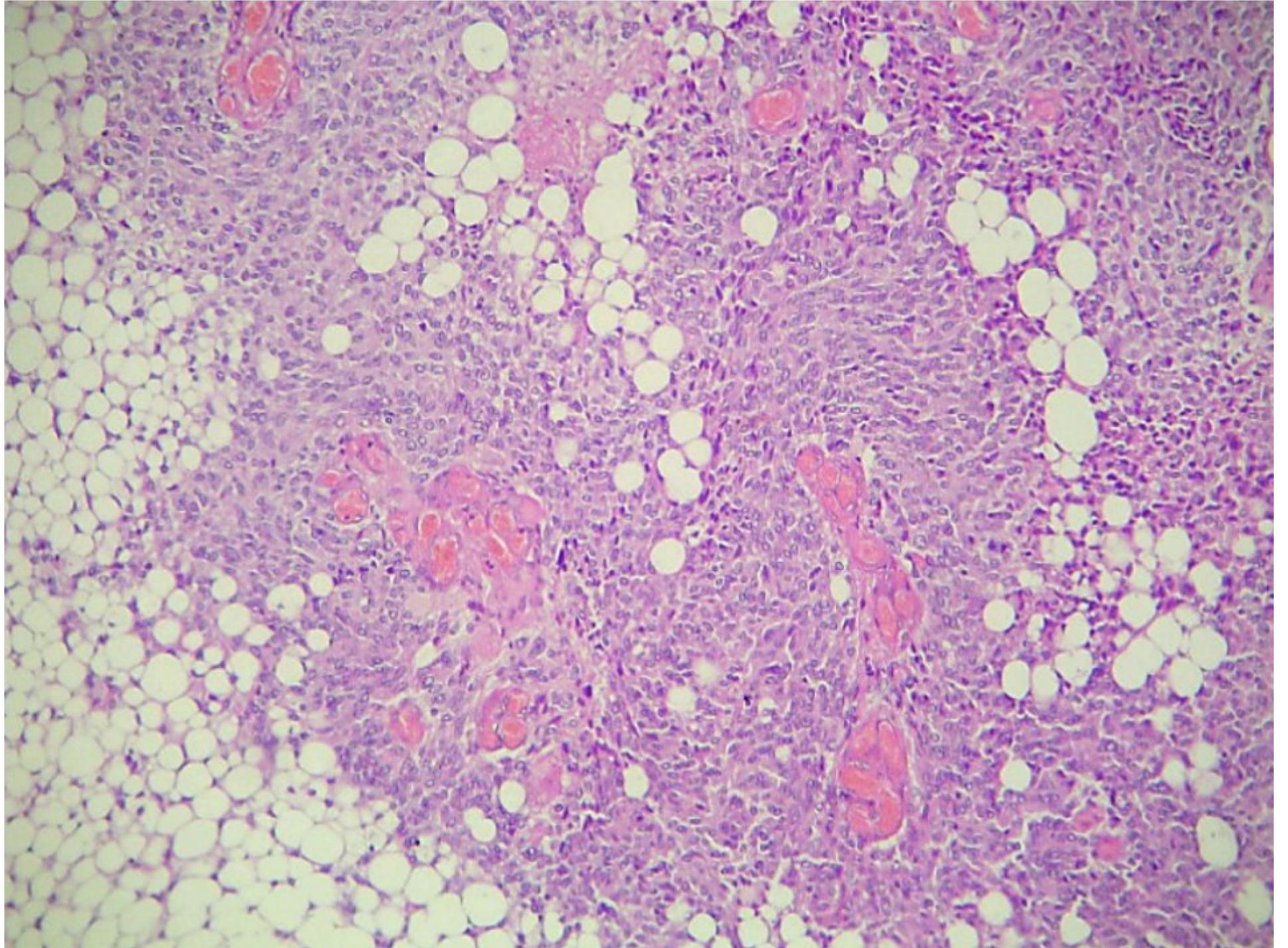


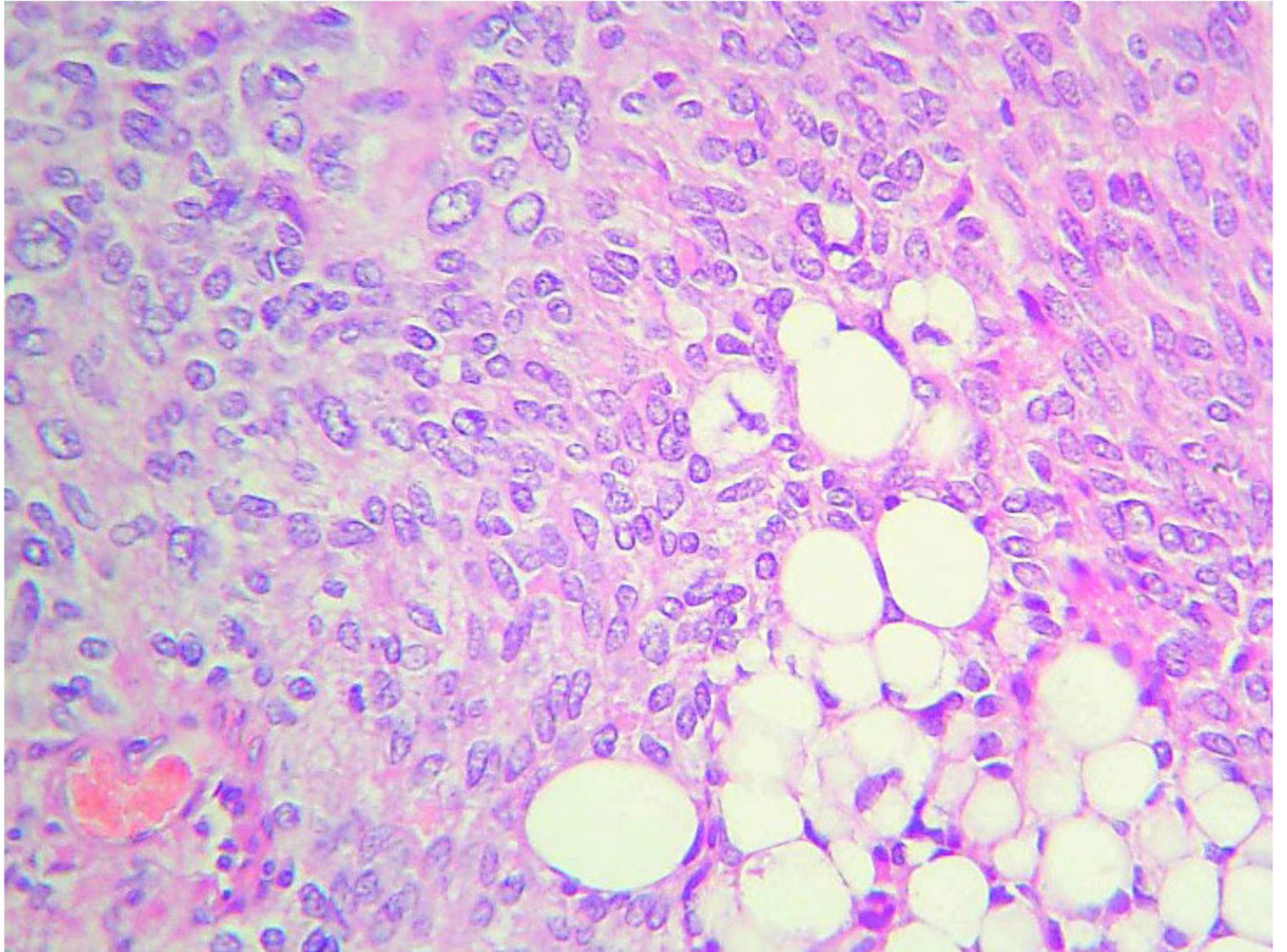
MICROSCOPIA

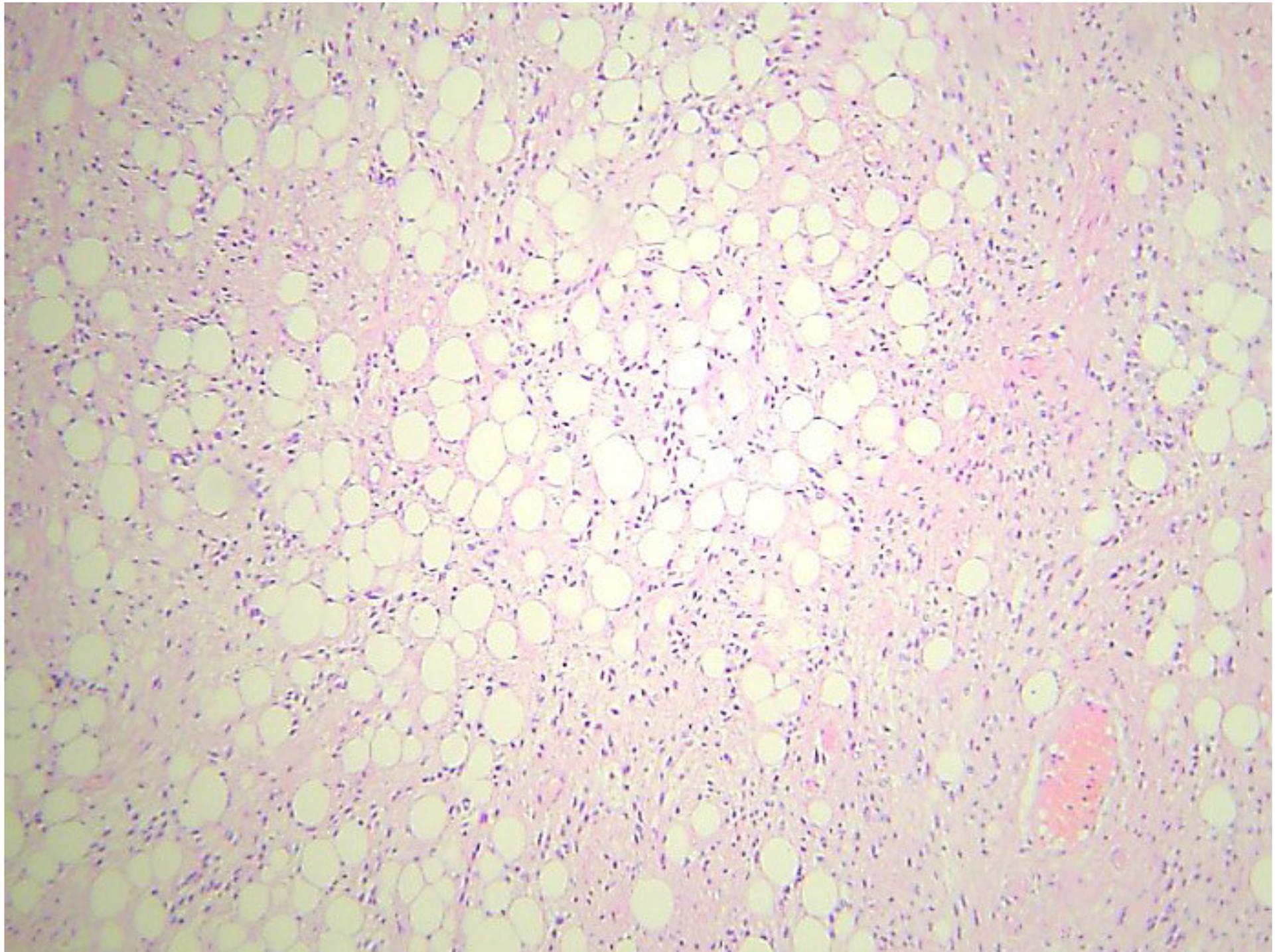


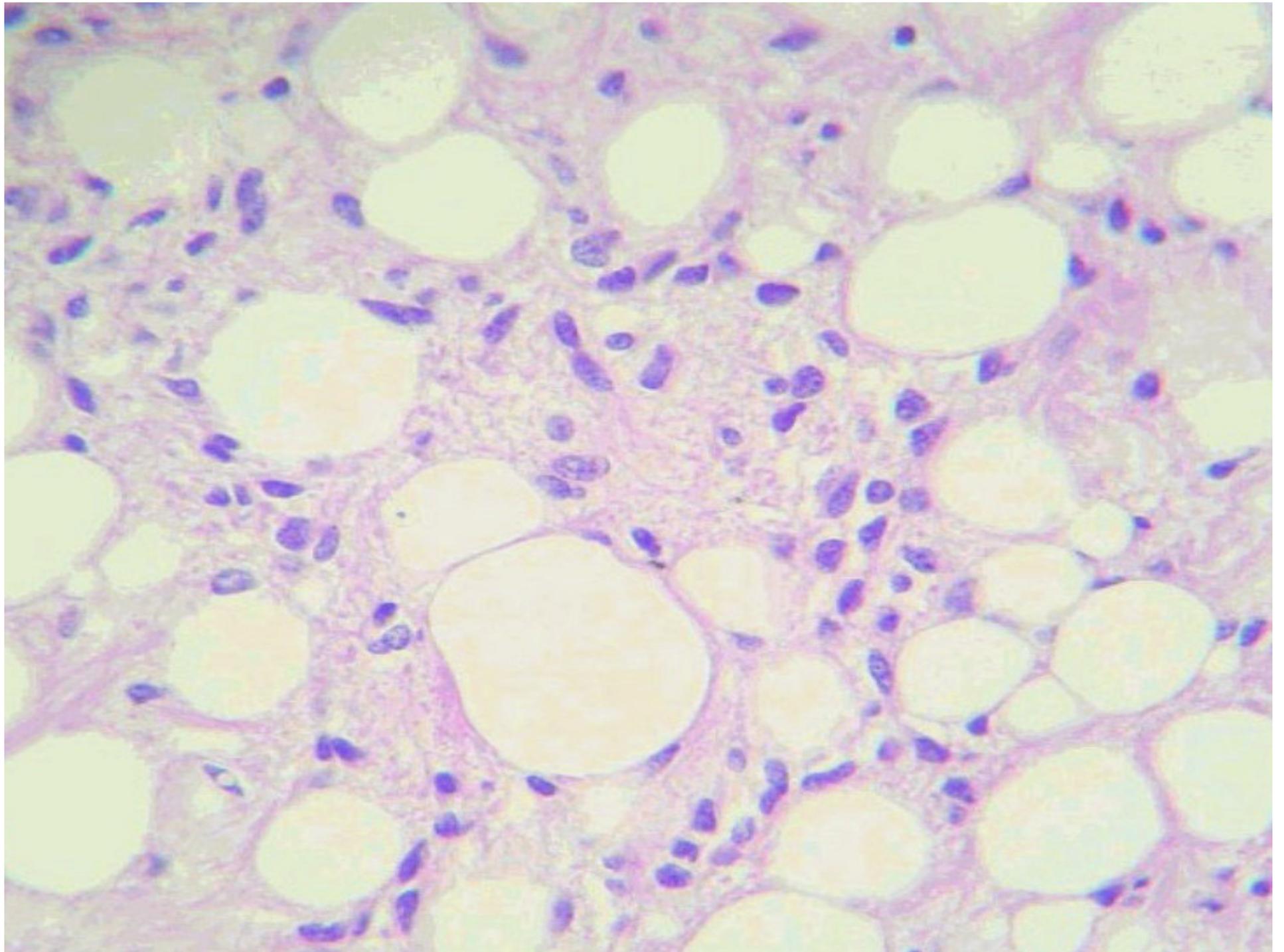


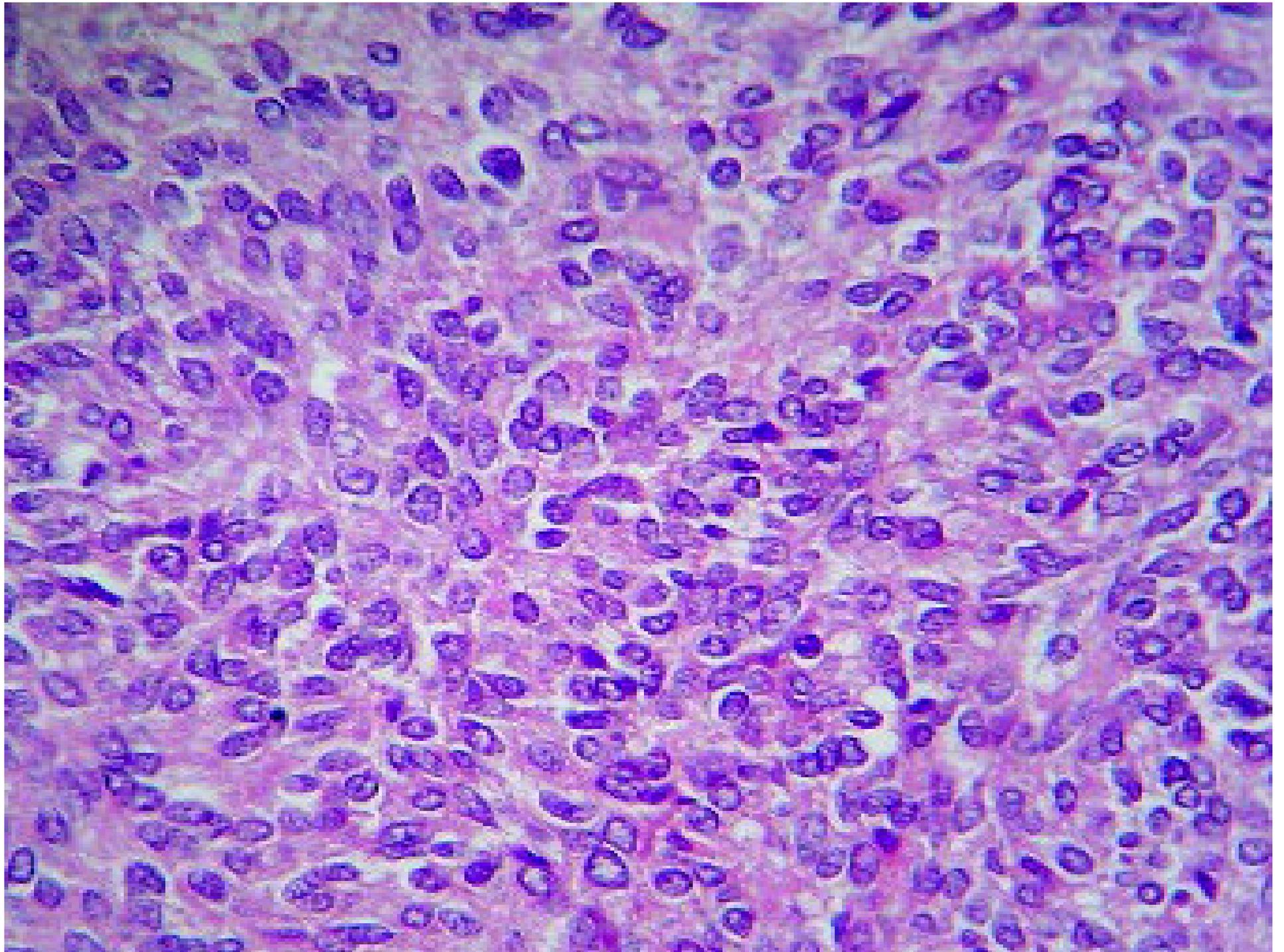


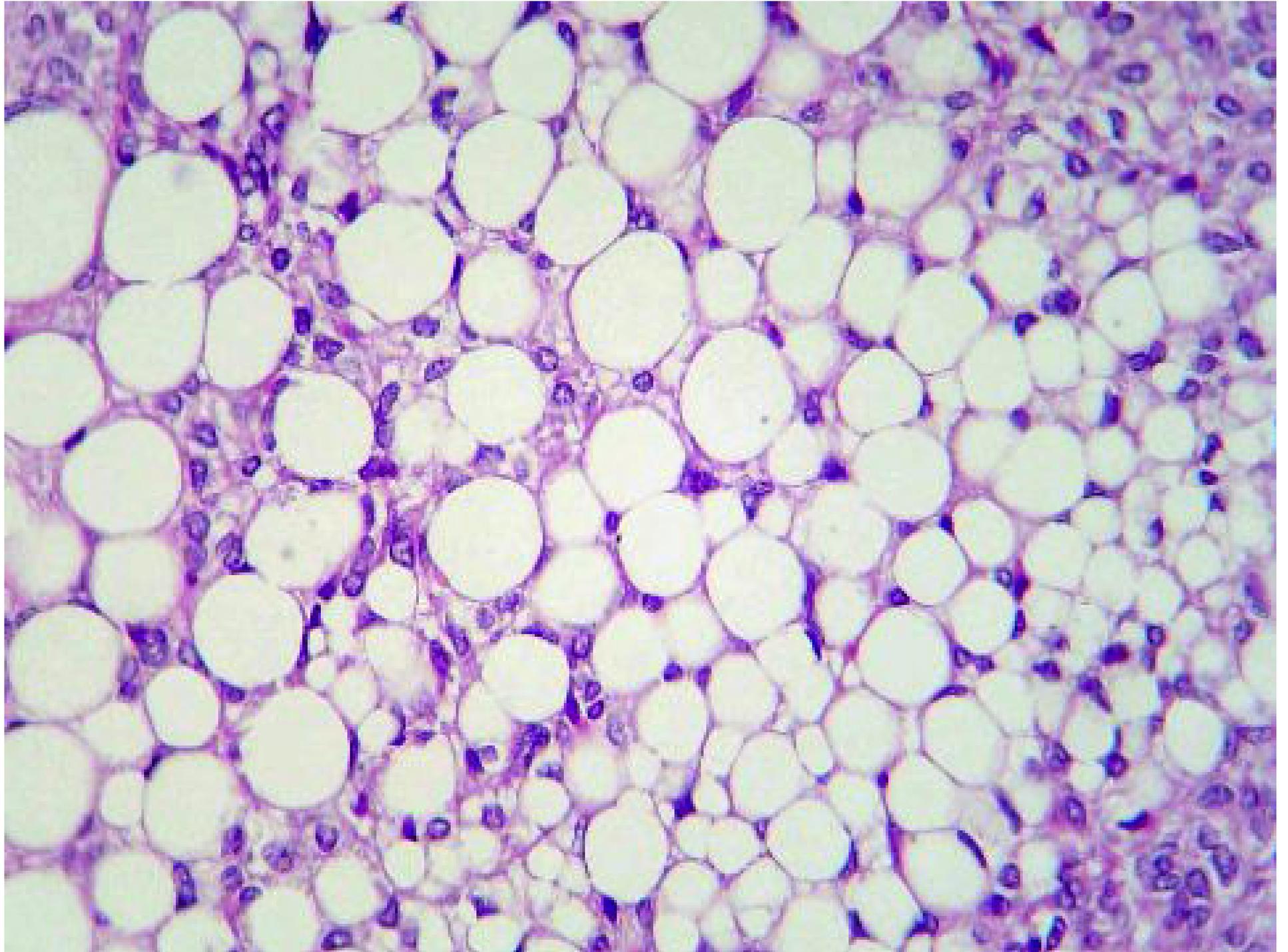


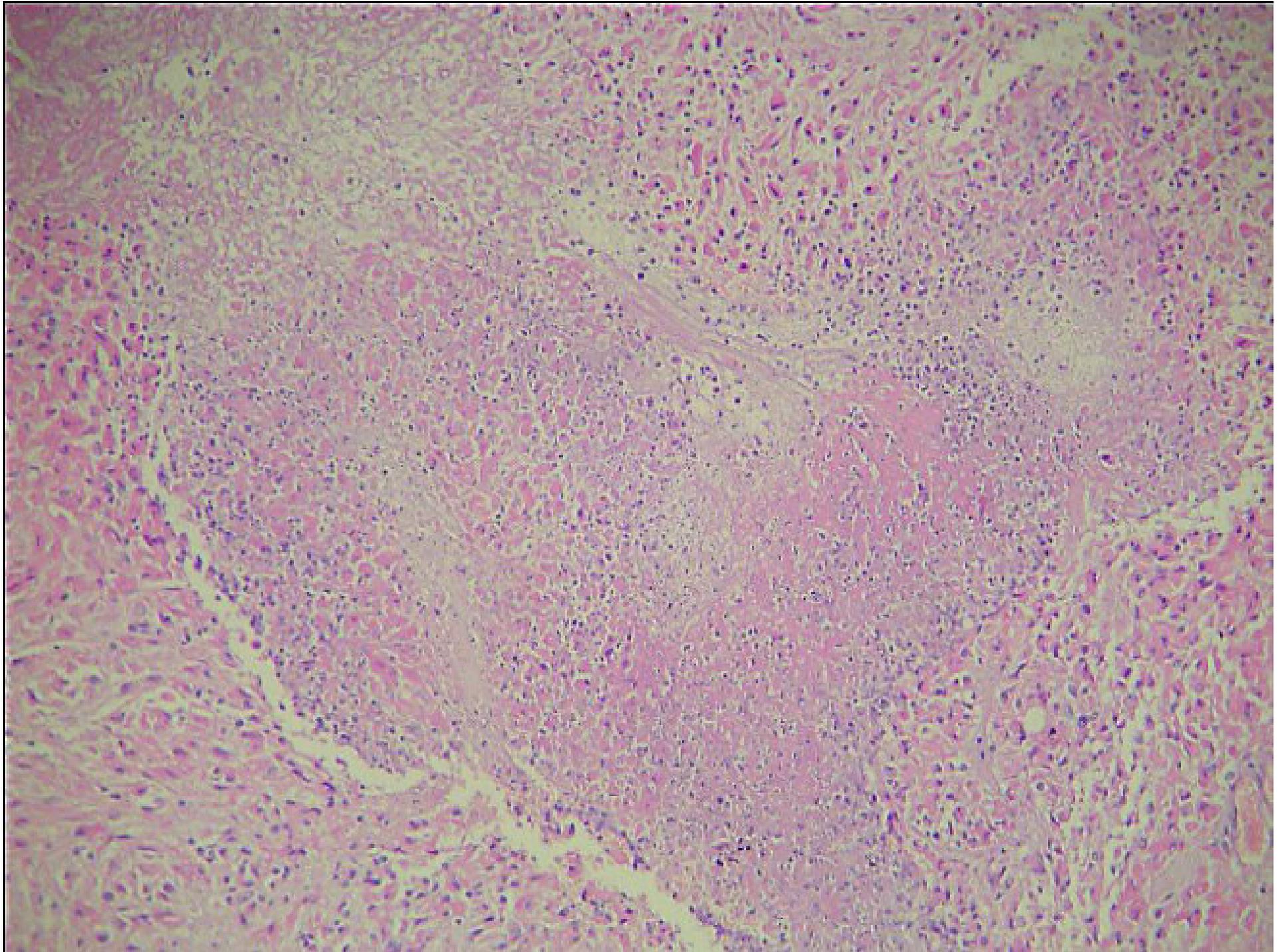


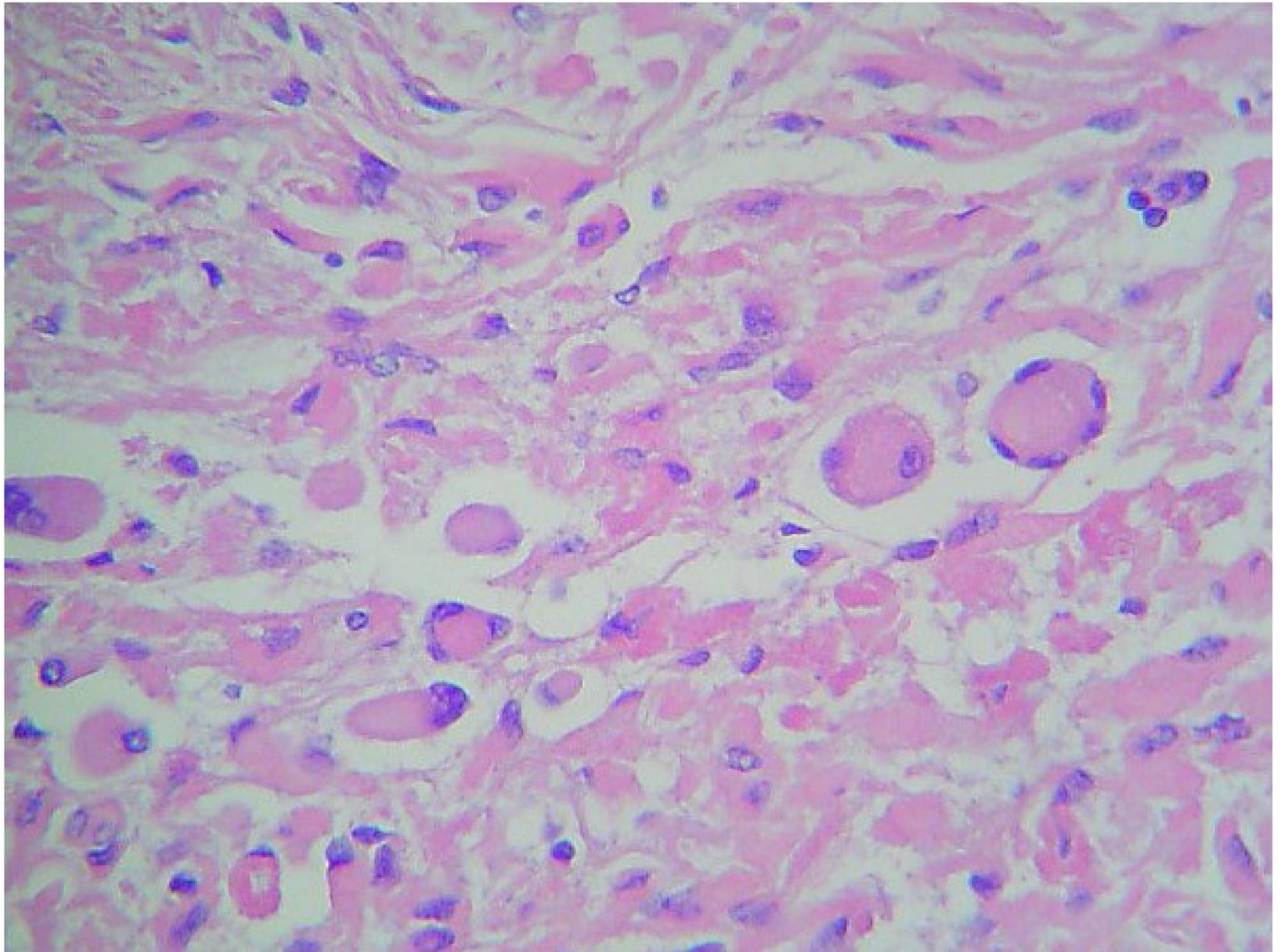








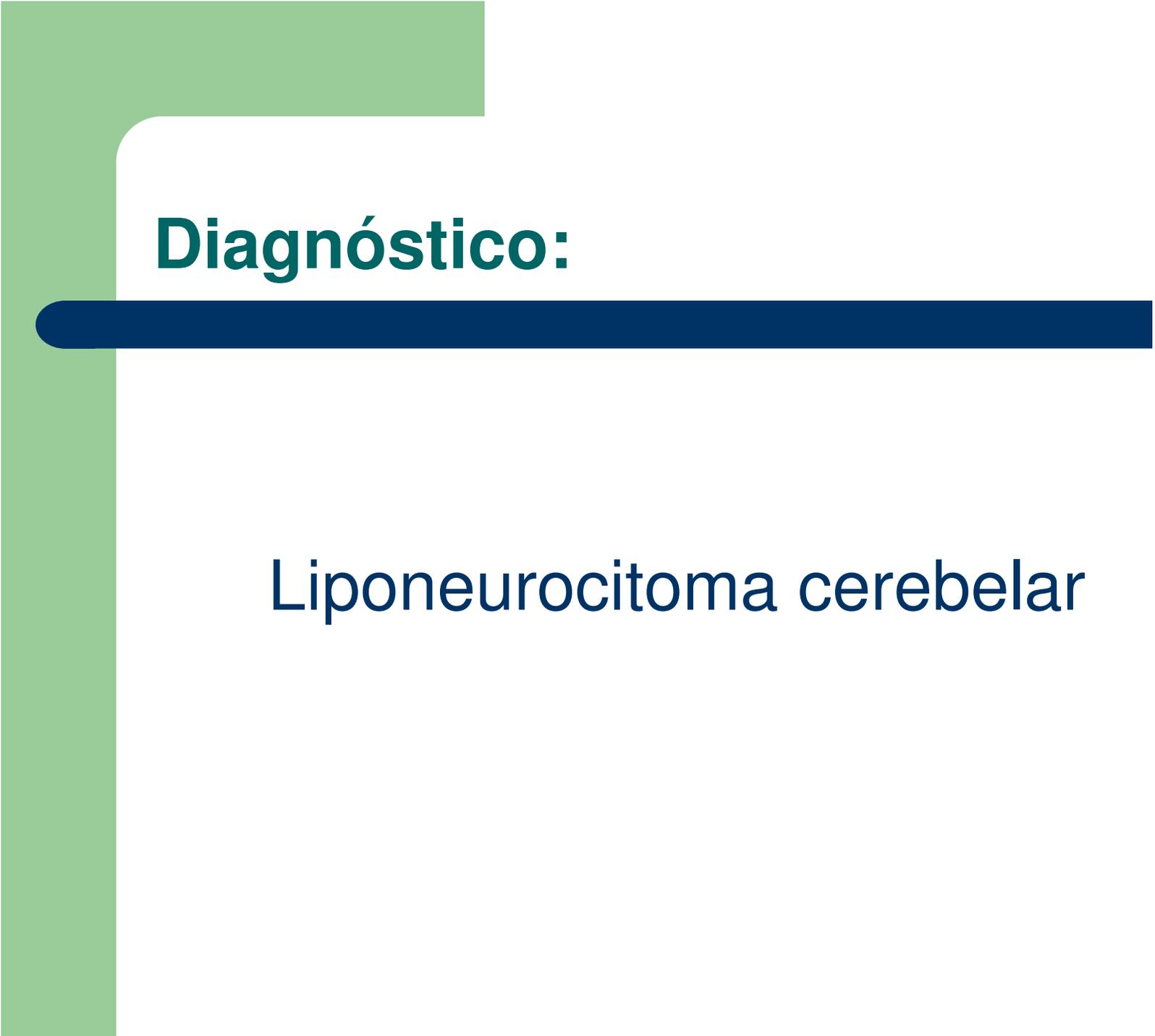




Qual é o diagnóstico?



Diagnóstico:



Liponeurocitoma cerebelar

Liponeurocitoma cerebelar

- Neoplasia cerebelar rara caracterizada por diferenciação neuronal/neurocítica avançada e lipomatosa focal
- Prognóstico clínico favorável
- OMS grau I ou II
- Neurolipocitoma, medulocitoma, glioneurocitoma lipomatoso, tumor neuroectodérmico maduro lipidizado

Liponeurocitoma cerebelar

- 5^a ou 6^a década de vida
- Sem preferência por sexo
- Sinais e sintomas: dor de cabeça, vômitos, tontura e distúrbios da marcha
- Cerebelo: hemisférios, vermis ou ângulo cerebelo-pontino

Liponeurocitoma cerebelar

- Neoplasia de células isomórficas, com poucas mitoses
- Células com núcleos arredondados a ovais com citoplasma claro , lembrando oligodendroglíócitos
- Presença de células adipócitos-símile

Liponeurocitoma cerebelar

- Histiócitos xantomizados não são considerados evidência de diferenciação lipomatosa
- Necrose e proliferação microvascular

Liponeurocitoma cerebelar

Achados não usuais

Área de diferenciação
gemistocítica

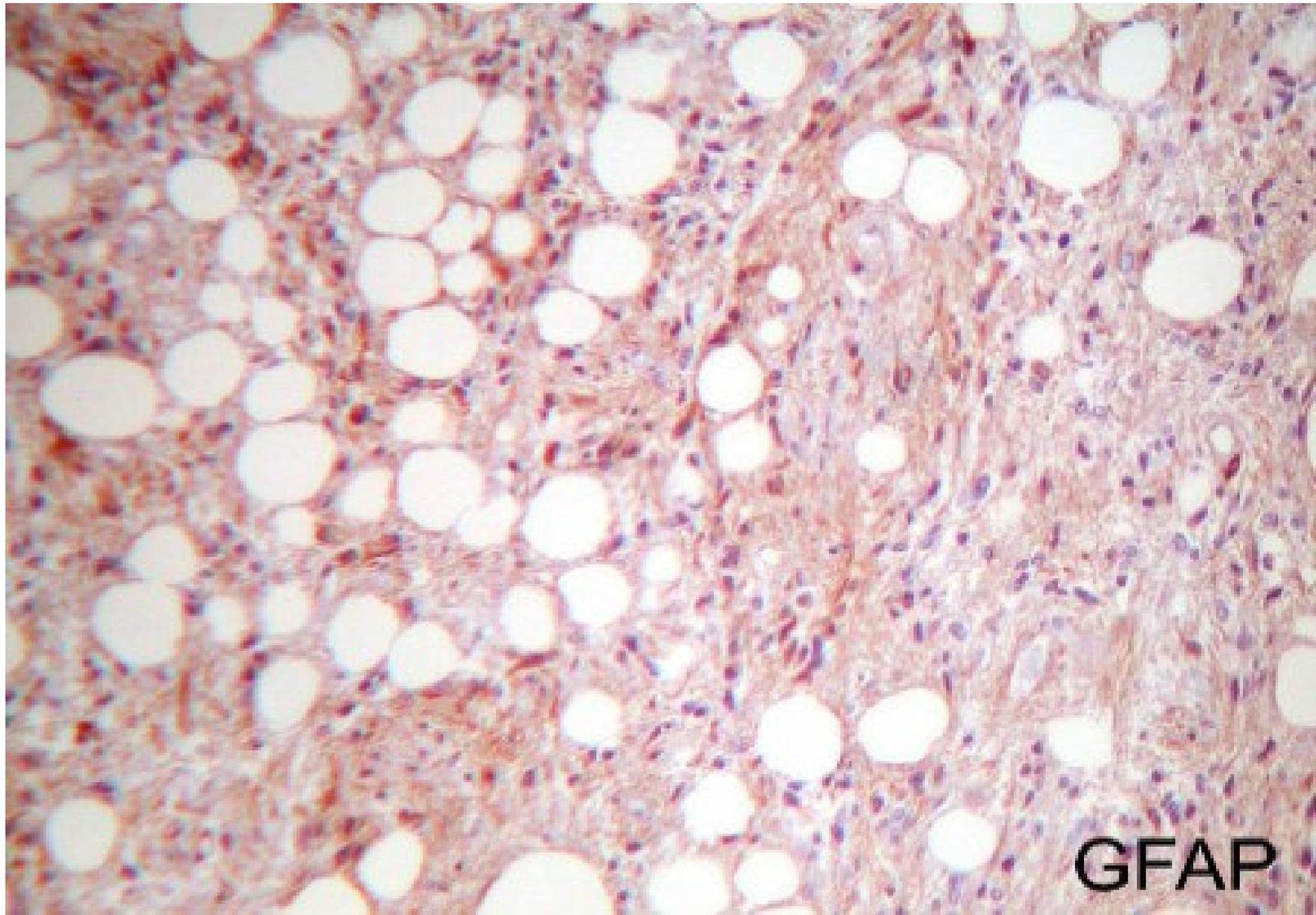
Focos de necrose

Pior prognóstico???



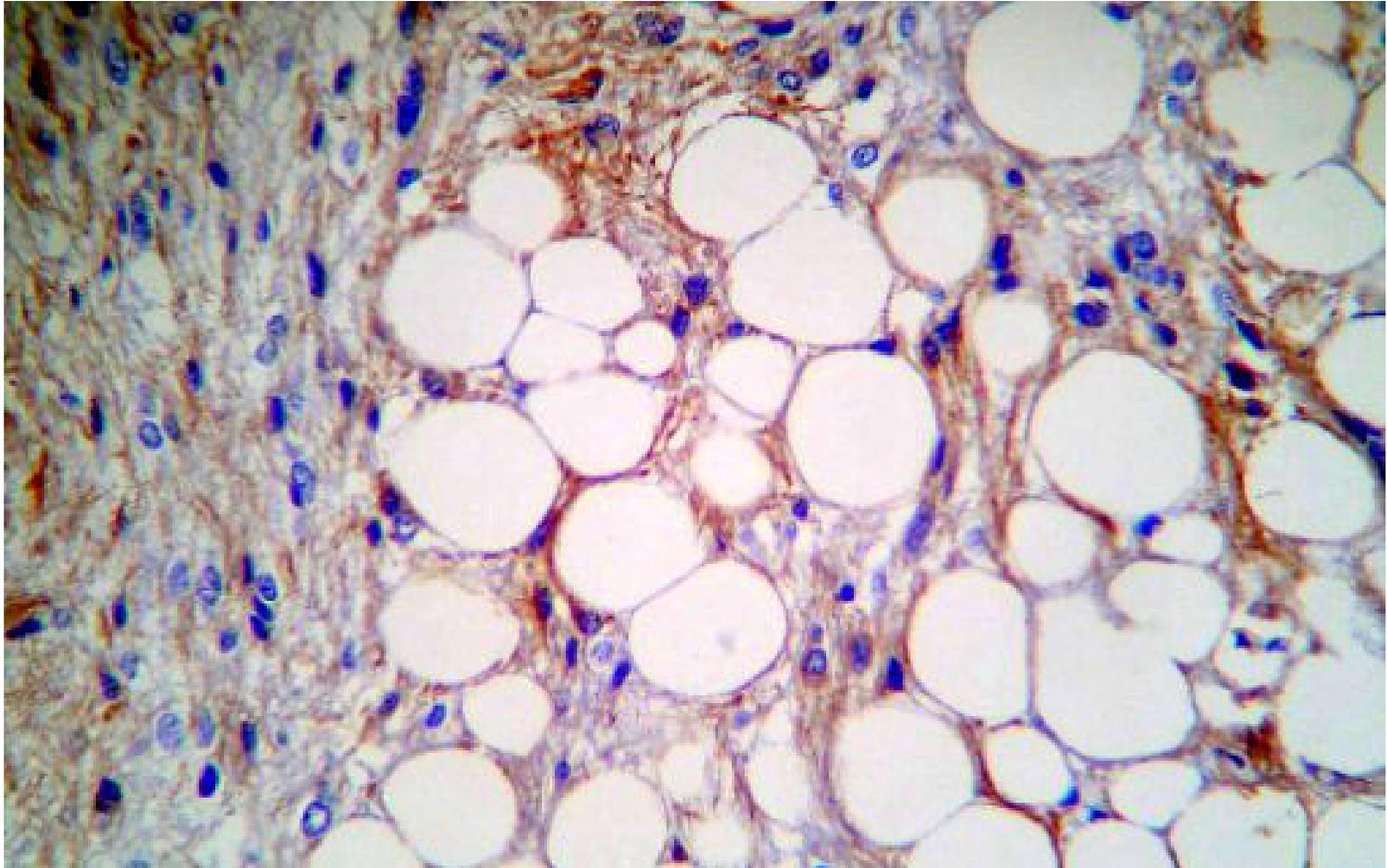
Liponeurocitoma cerebelar

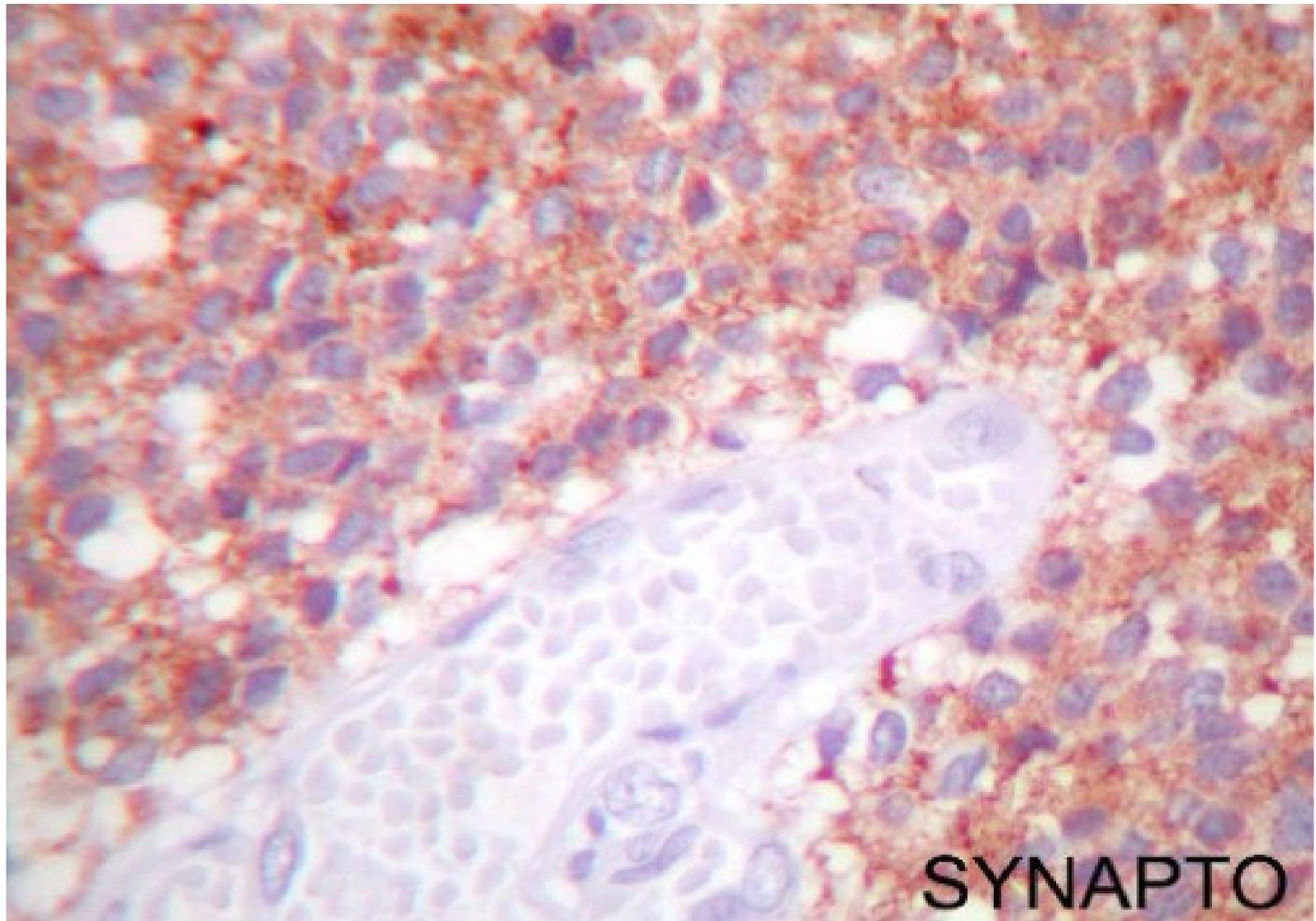
- **Imunohistoquímica**
 - **GFAP, NSE, sinaptofisina e neurofilamentos +** nas células pequenas e vacuolizadas
 - **Vimentina +** nas células vacuolizadas
 - **S-100 +** focalmente nas células pequenas
- **Proliferação**
 - **Ki 67/MIB-1** varia de menos de 1 a 6 %

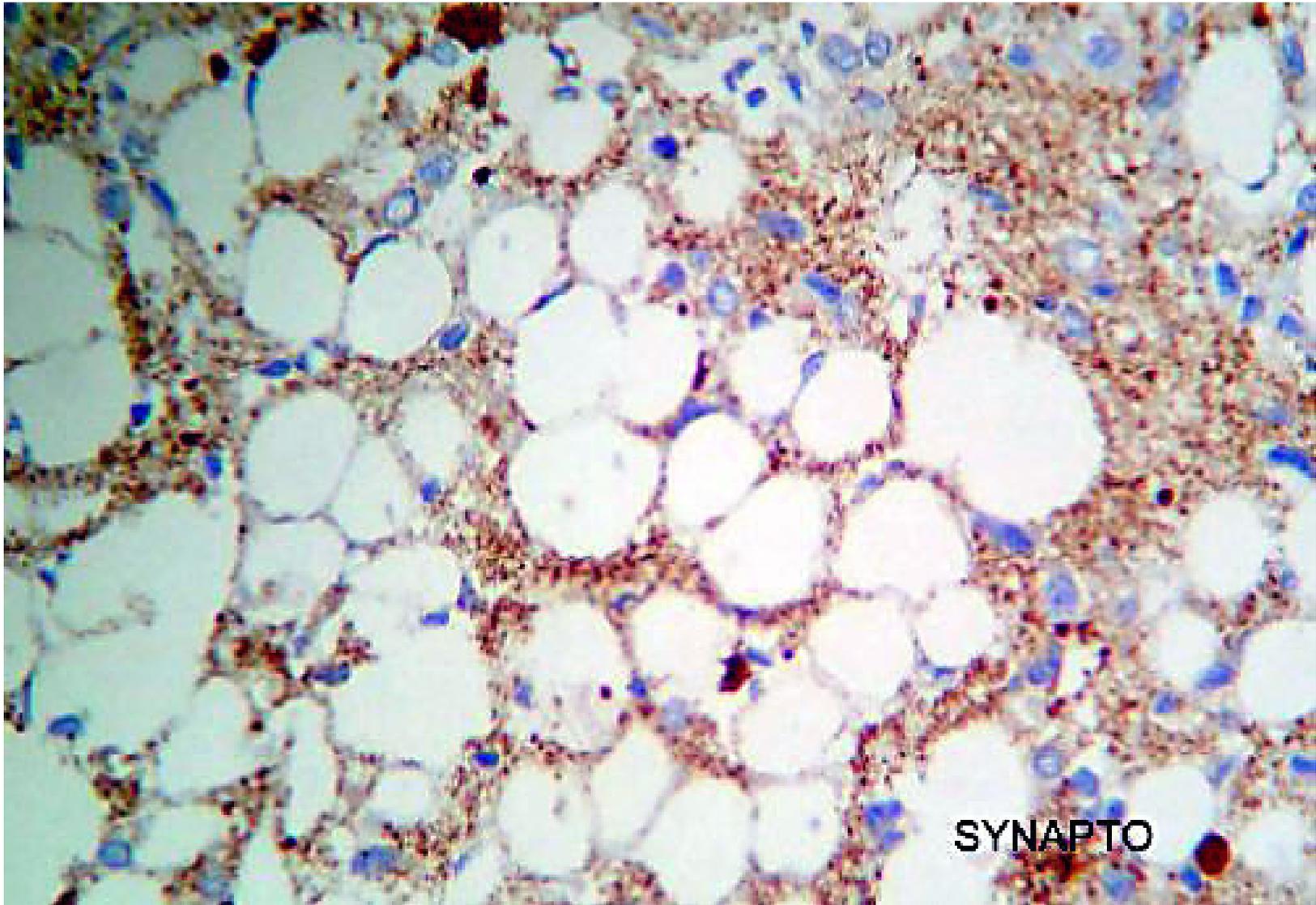


GFAP

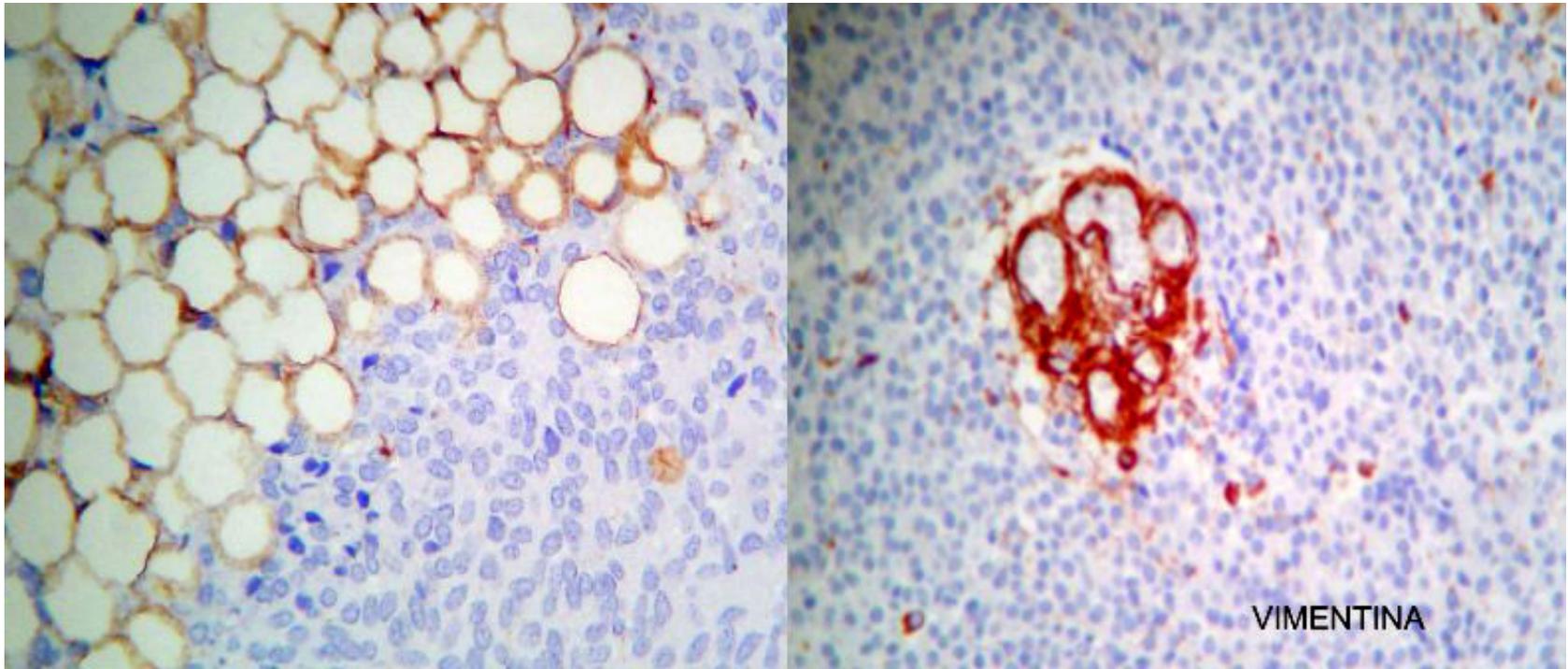
GFAP

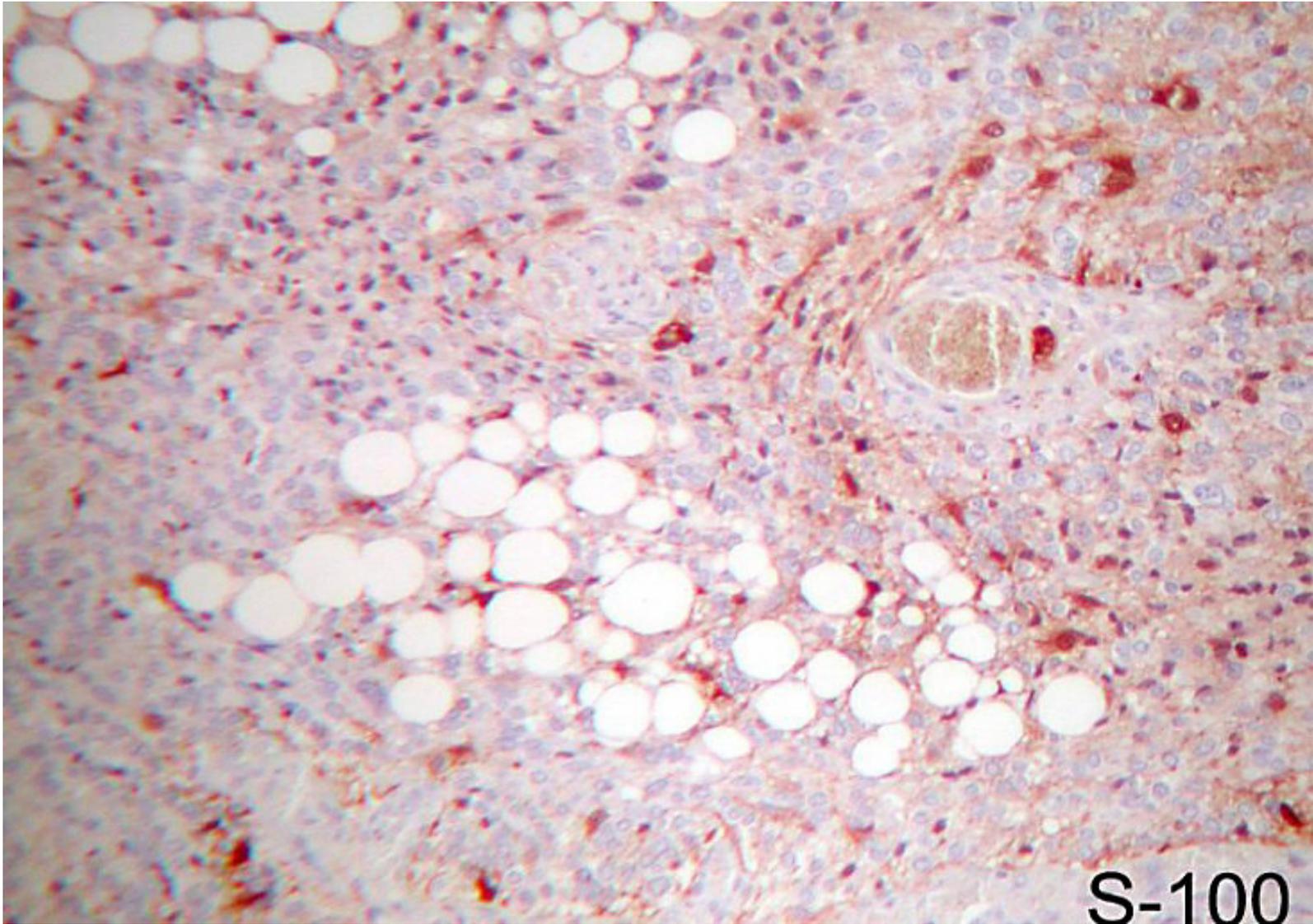




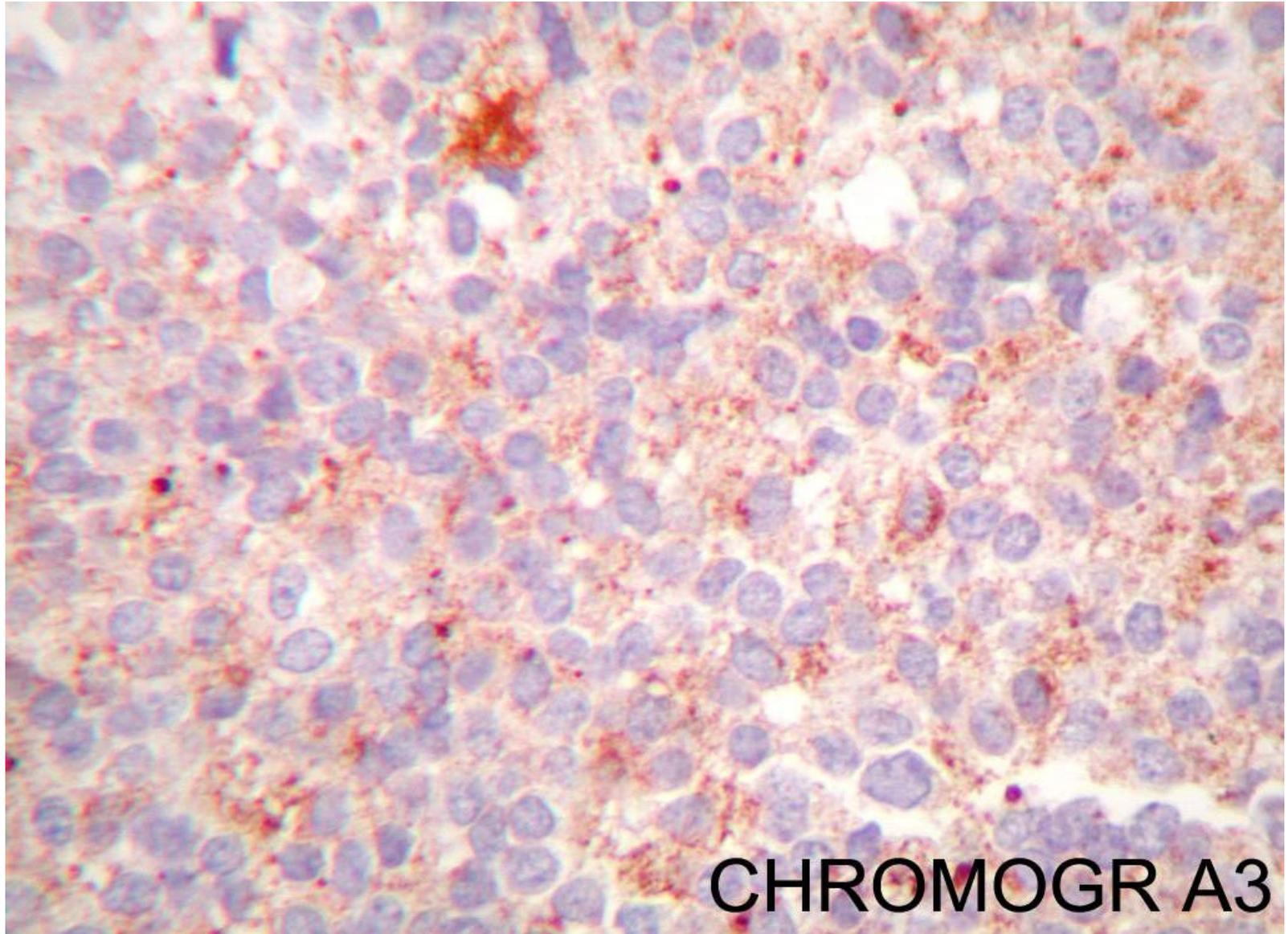


VIMENTINA





S-100



CHROMOGR A3

Liponeurocitoma cerebelar

- Diagnóstico diferencial:
 - Meduloblastoma: 70 % em crianças. OMS grau IV. Prognóstico ruim
 - Ependimoma
 - Astrocitoma

Liponeurocitoma cerebelar

- Tratamento
 - Exérese cirúrgica
 - Radioterapia pós-operatória
- Recorrências tardias

Bibliografia

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**OBRIGADO
POR PARTICIPAR**

