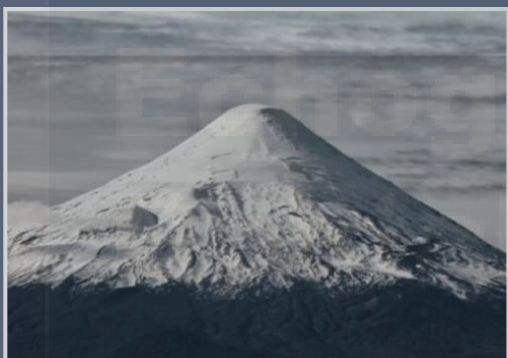


DISTANT RELAPSE OF AN IRIDO-CILIARY MELANOMA 16 YEARS AFTER PROTON-BEAM THERAPY

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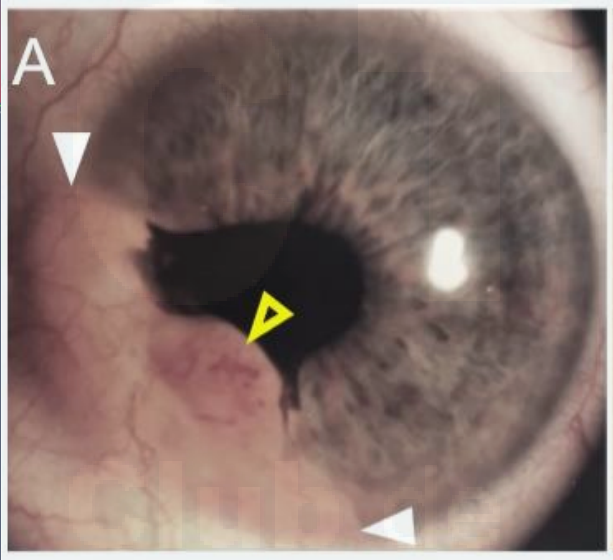
XVII SIDUO meeting

November 20th -24th , 2018

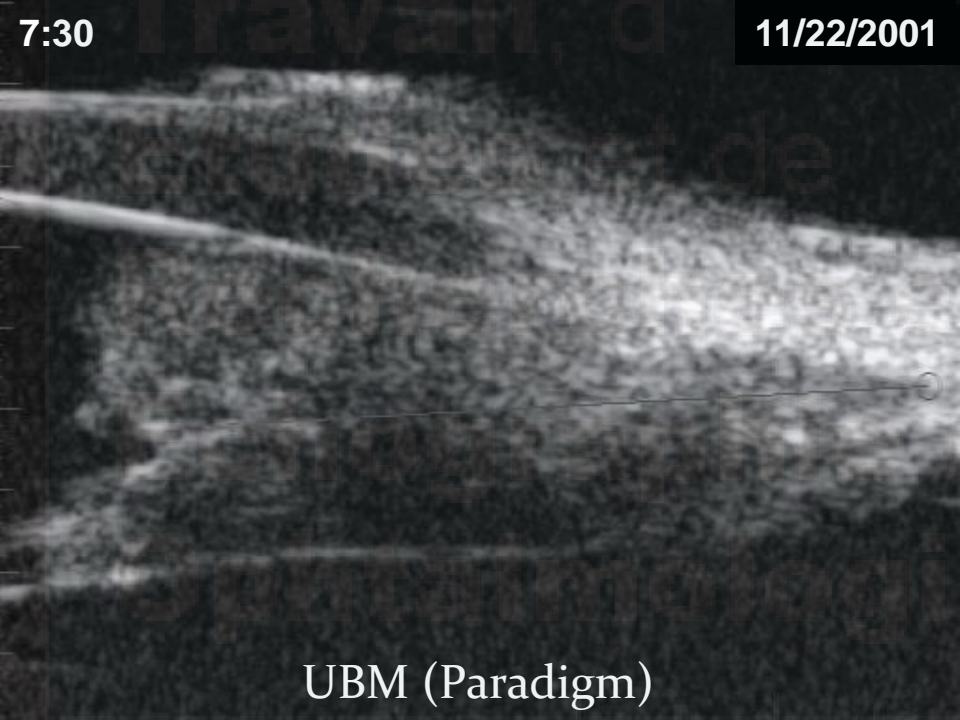
Puerto Varas – Chile

Alfredo Triviño



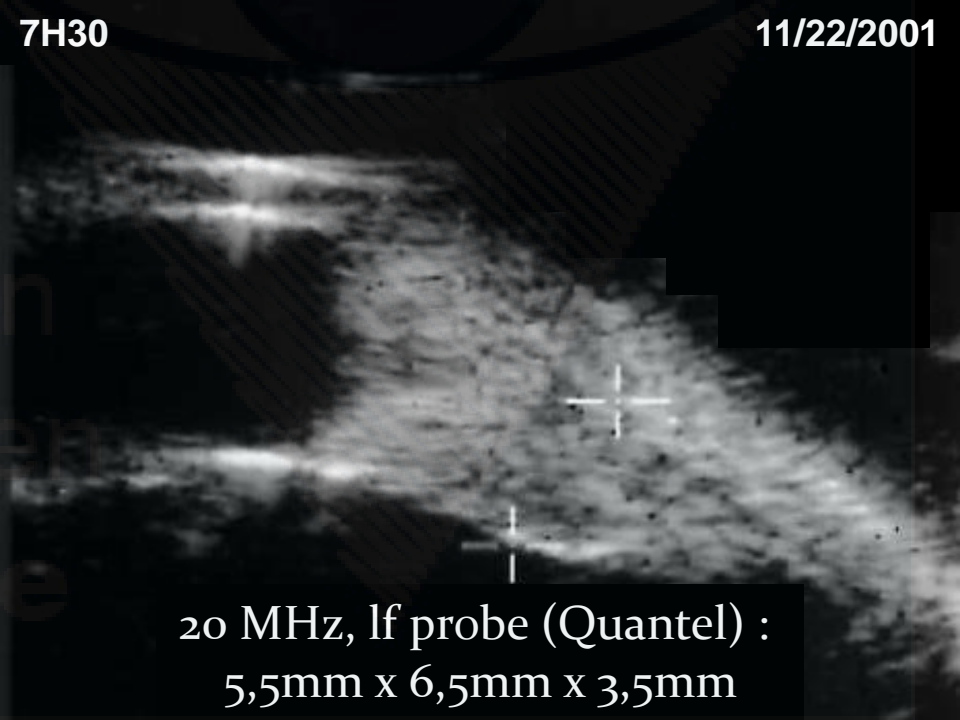


In november 2001, a 45 y-old patient presented an amelanotic irido ciliary melanoma extending from 5 o'clock to 10 o'clock
Moderately echogenic, attenuating



UBM (Paradigm)

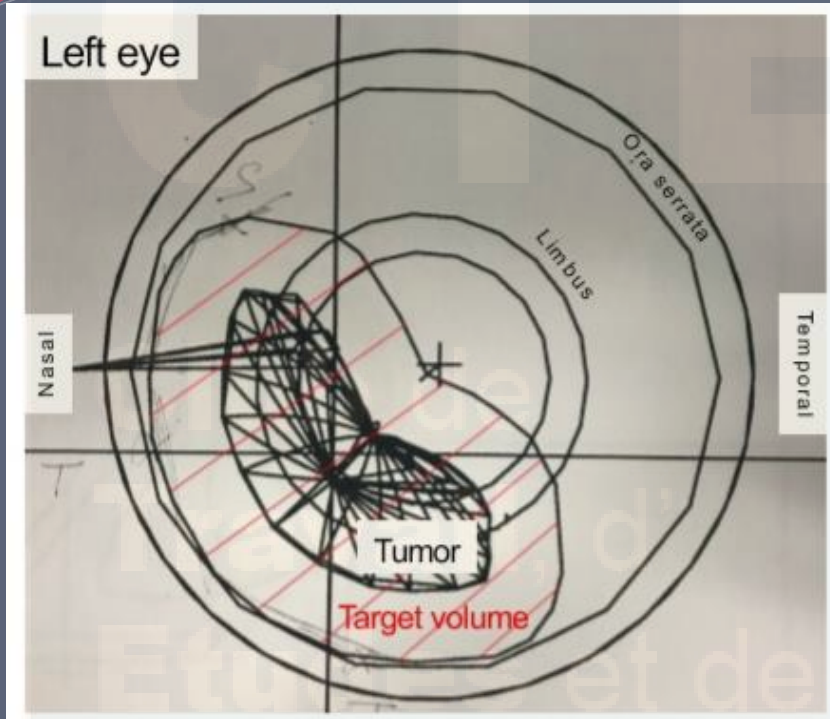
11/22/2001 7H30



11/22/2001

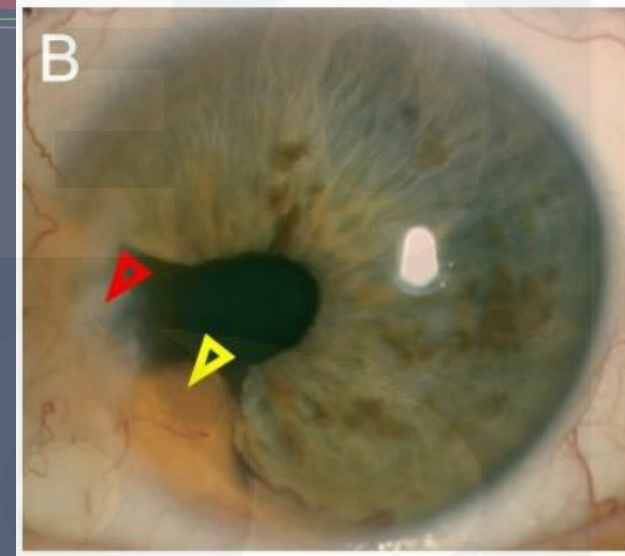
20 MHz, If probe (Quantel) :
5,5mm x 6,5mm x 3,5mm

Treatment



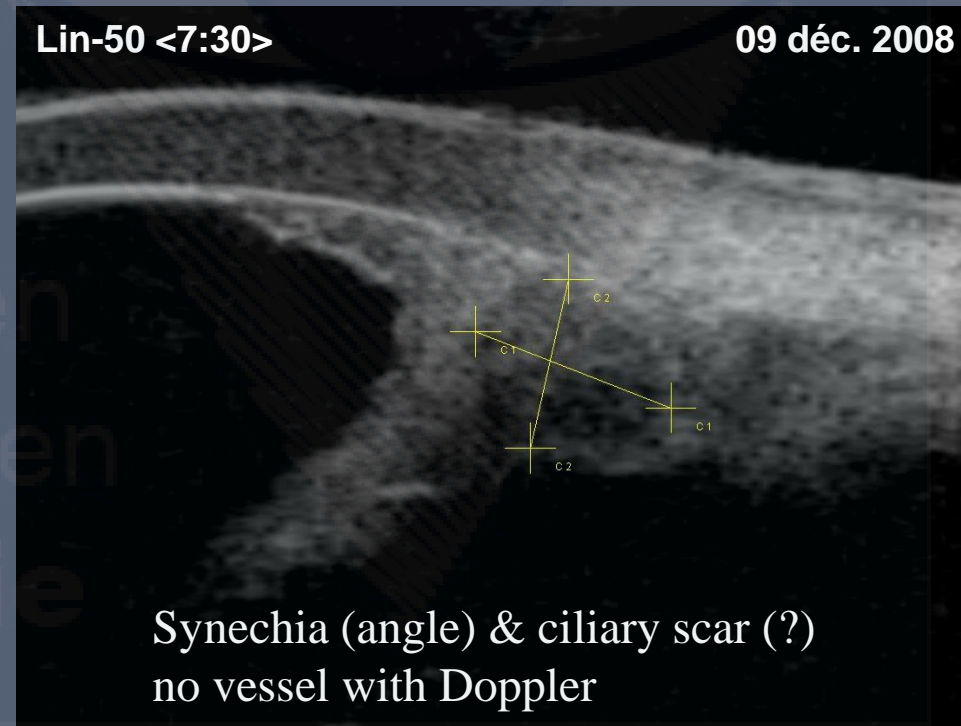
band keratopathy
red arrow

Atrophy of the iris
portion of the
tumor
yellow arrow



Lin-50 <7:30>

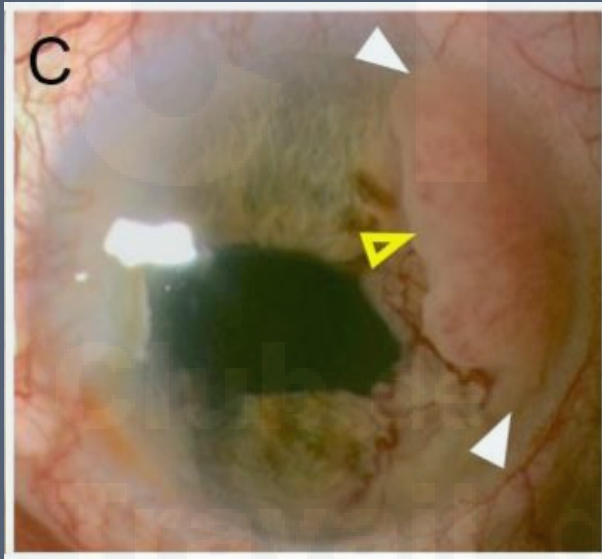
09 déc. 2008



Synechia (angle) & ciliary scar (?)
no vessel with Doppler

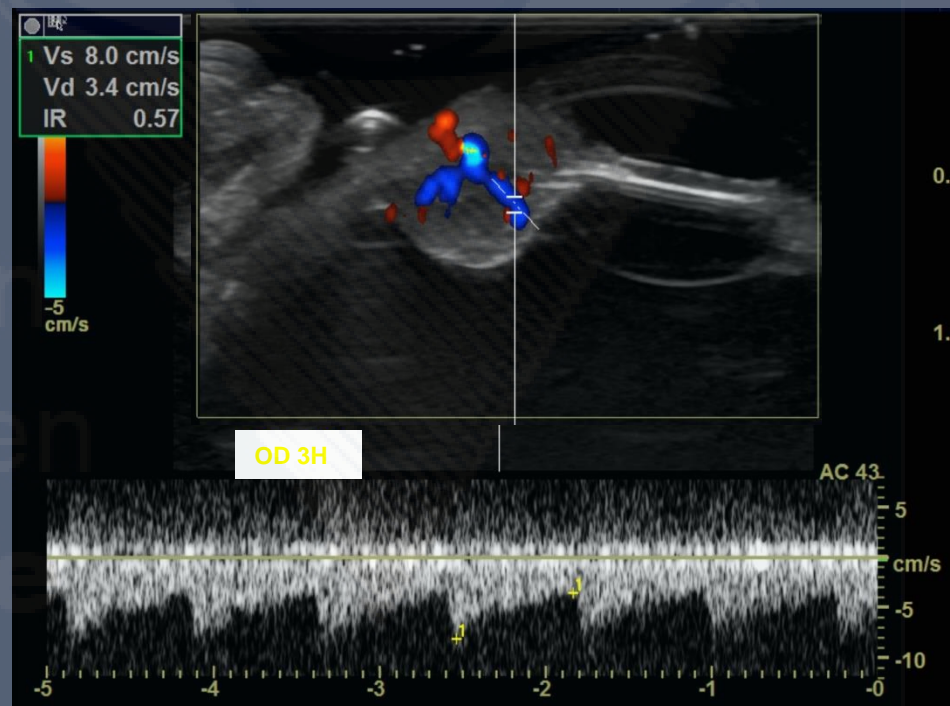
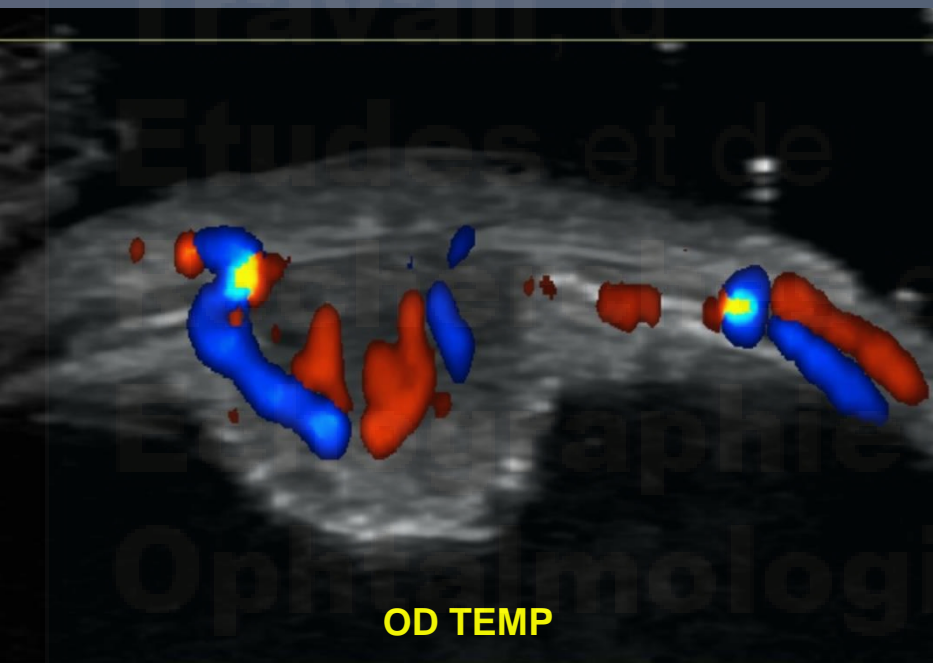
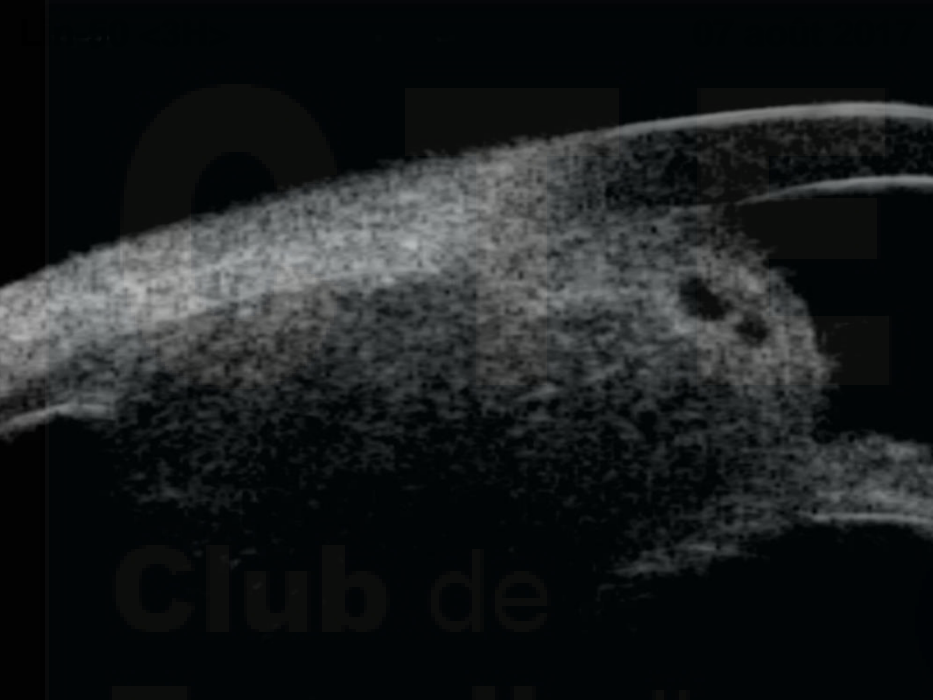
Proton-beam therapy : 60 Gy delivered in
four fractions over four consecutive days

Echographie en
Ophtalmologie

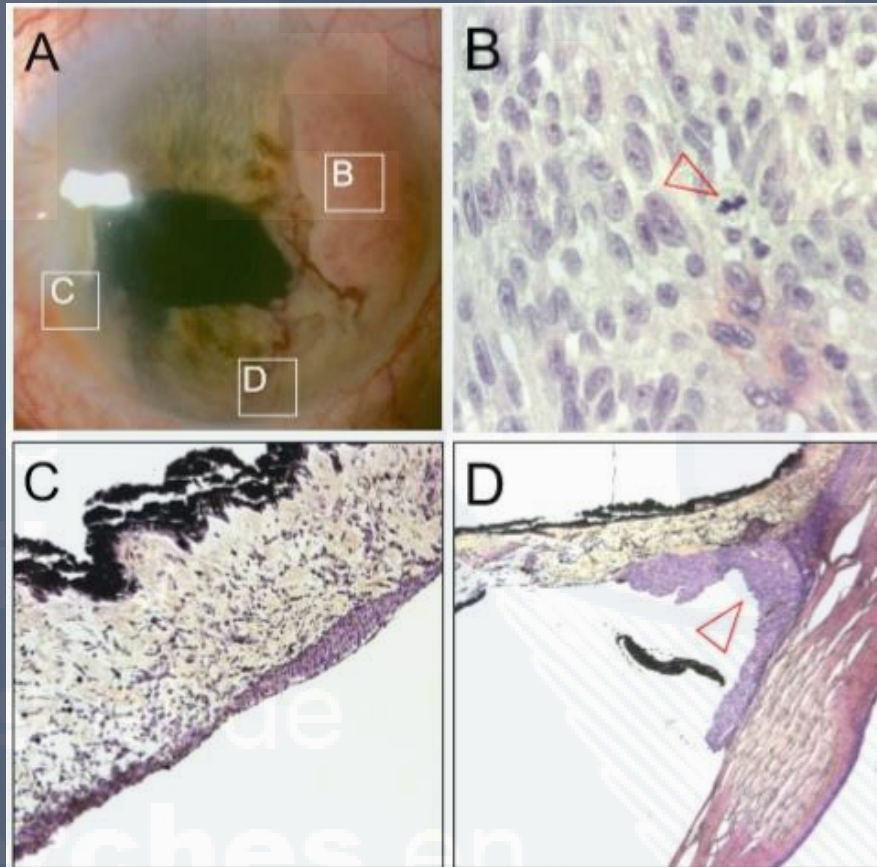


In 2017, Sixteen years after irradiation, recurrent iris amelanotic melanoma developed remotely in the temporal sector (yellow arrow), with margins located at the 1 and 4 o'clock positions (white arrows). Gonioscopy revealed wider margins extending inferiorly along the iridocorneal angle to the 6-o'clock position, and overlapping the site of the initial tumor.

Etudes et de
Recherches en
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Ophtalmologie



**A second irradiation of the anterior segment was contra-
indicated and the eye was enucleated**



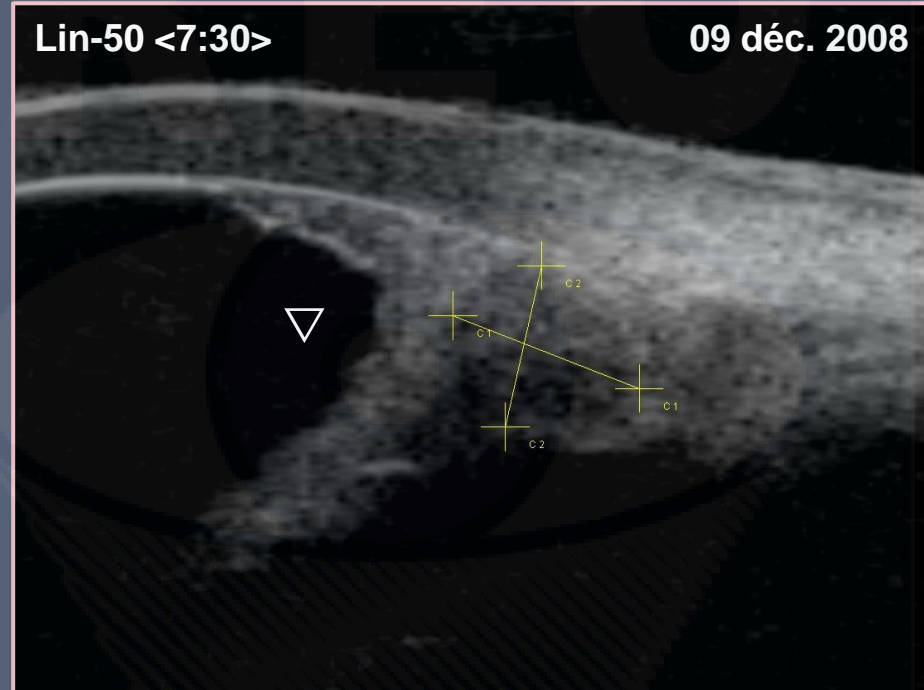
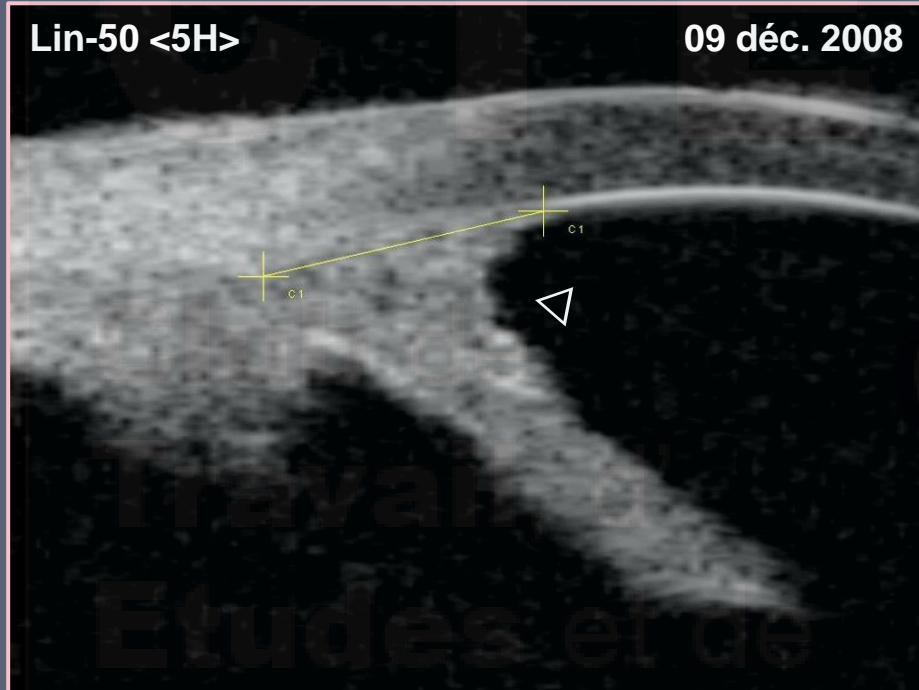
B : melanoma with spindle cells, moderate cytonuclear atypia, enlarged nucleoli and mitoses (red arrow) (HES x400).

D : infiltration along the iridocorneal angle by melanocytic non-pigmented tumor cells (red arrow), extending from the post-radiation fibrotic scar at the 9 o'clock position and in continuity with the large iris mass located from 1 to 6 o'clock positions (HES x 50).

CONCLUSION

Lifelong follow-up with ocular examination including gonioscopy is recommended in patients with iris melanoma due to the possibility of delayed local recurrence more than a decade after the initial treatment.

However still some questions ...



Retrospectively : on the control examination 7 years after proton-beam, signification of this thickened angle \triangleright ? Scar tissue at the border of irradiation ? or Tumoral infiltration ?
of this small hyporeflective ciliary lesion with no vascular activity ?
Scar ? or <Early Recurrence ?