

eXaSkin

HIGH DENSITY BOLUS

Forget about electrons & choose the most accurate skin treatment



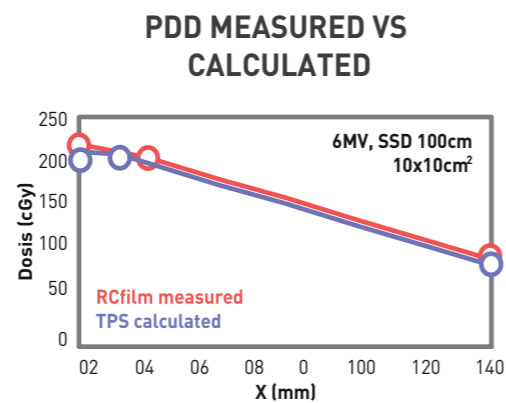
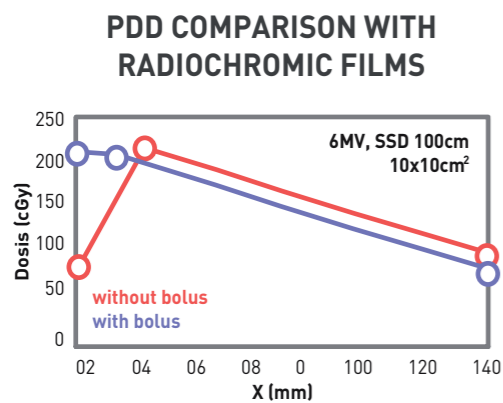
FORGET ABOUT ELECTRONS

eXaSkin allows the most accurate skin treatment.

eXaSkin is a high density and high adaptation bolus on paste form, that allows to get personalized bolus in three minutes. There is no need to use complex 3D printing procedures or to modify the regular radiotherapy workflows.

Designed with the following advantages:

- It fully **adapts to any skin shape**.
- It **avoids rebuild-up** effect even in the presence of air gaps.
- It **eliminates build-up area** with lower bolus thickness.
- Bolus **thickness is no longer an issue**.
- eXaSkin **density, shape and thickness data are obtained by TPS** from planning CT images.
- **Auto-Fixable** to thermoplastics to **improve set-up & reproducibility**.
- **No shrinkage**.
- The delivered **dose is accurately applied**.



GET PERSONALIZED BOLUS IN 3 MINUTES

- No 3D printers required.
- No additional equipment required.
- No additional technical knowledge required.
- No need to change your RT workflow.

How to use

1. Prepare a layer of eXaSkin following the recommended procedure.
2. Apply the layer over the area to be treated and mark laser trajectories on the eXaSkin to reproduce its position during the treatment sessions.
3. If required, place a thermoplastic mask over the layer and wait until eXaSkin layer hardens (less than 2 minutes).
4. Acquire CT images with the eXaSkin layer placed over the skin.
5. Carry out the treatment planning considering the eXaSkin shape, thickness and density obtained from step 4. eXaSkin density must never be overridden.



Choose the best skin adaptation



Choose the best reproducibility

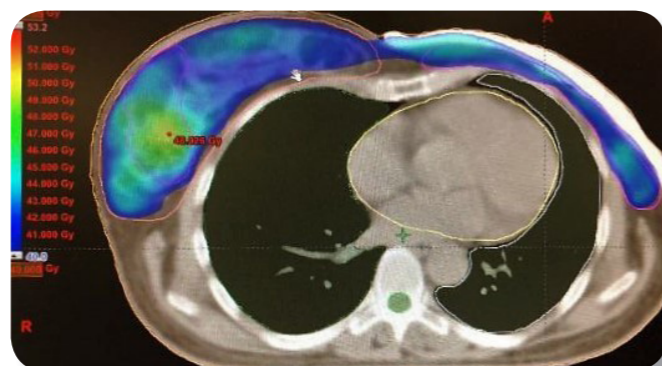
eXaSkin - Dosimetry

eXaSkin makes easy what is impossible for other bolus.

eXaSkin is designed to be used with photon beams and its dosimetry is not so much affected in the presence of shape changes of eXaSkin or, even, air gaps.

Thus, eXaSkin allows to apply better dose distributions, which can also be precisely reproduced during the treatment sessions due to its capacity to fix to thermoplastics.

Further, when VMAT is applied, its own beam modulation will compensate the bolus thickness variations, since eXaSkin allows the appropriate electronic balance.



eXaSkin - Gold Standard bolus

eXaSkin has no use limitations and it can be applied in most of normal and complex clinical situations, where it offers an easy manageable and reproducible solution.

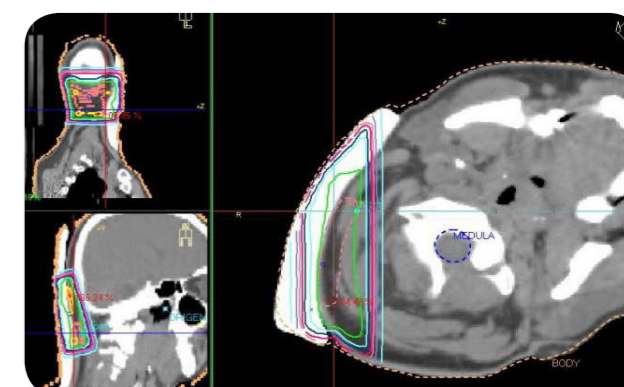
Neoplastic lesions in thorax area.

Chest walls

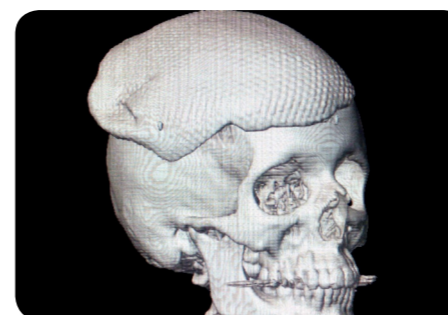


Neoplastic lesions in head area.

Back Neck



Scalp



Eye

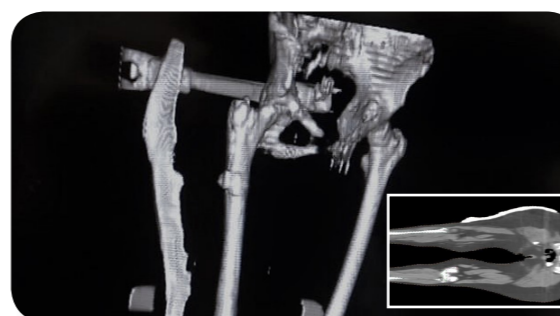


External ear

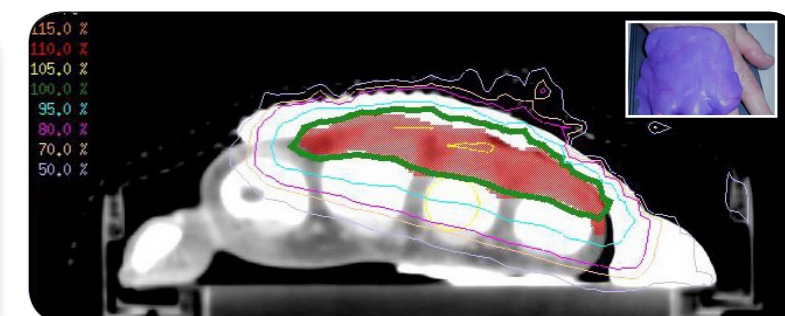


Sarcomas & other neoplastic lesions in limbs.

Legs

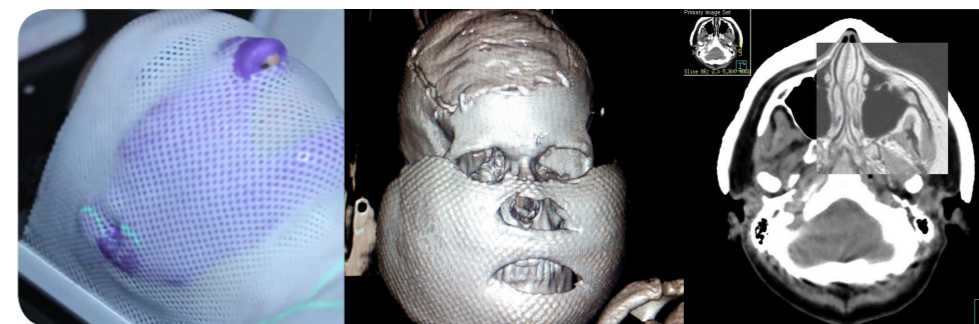


Hands



eXaSkin as Immobilization Submask

The use of eXaSkin as immobilization submask allows to significantly improve H&N immobilization and CT/MR image fusions.



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For more information visit
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