Gadolinium traces in HSCT pediatric recipients

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Conflicts of Interest

No conflicts of interest reported.
OUR EXPERIENCE

• We found gadolinium in different tissues
• We found a colocalization of gadolinium and iron
• We documented a gadolinium reduction after deferoxamine treatment
Gaps in our study

• Small patient cohort and control group
• Analysis based only on bioptic samples
• Retrospective study
What we are looking for

- Is gadolinium deposition intracellular or extracellular?
- In which form Gadolinium is stored in tissue?
- Which is the removal mechanism of gadolinium during deferoxamine treatment?