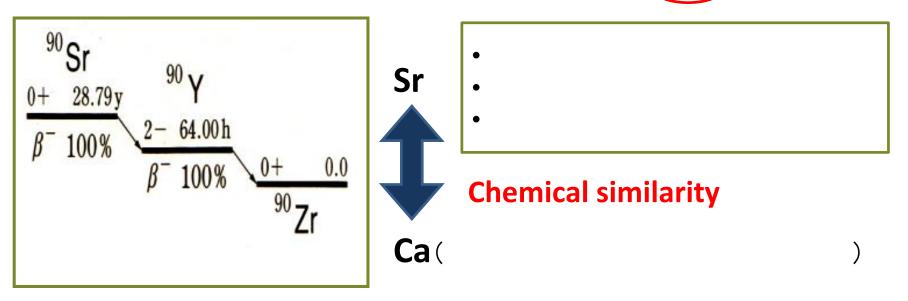
Radioactivity measurement of the deciduous teeth

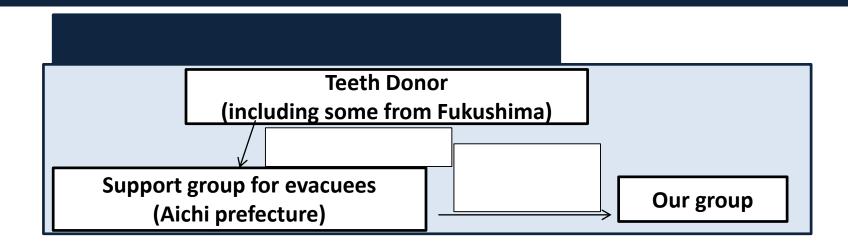
90

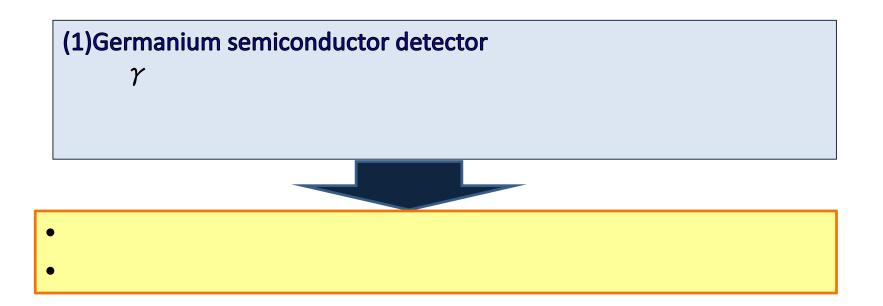
Fukushima nuclear accident:

emitted radioactive material (134Cs, 137Cs, 90Sr) etc.)



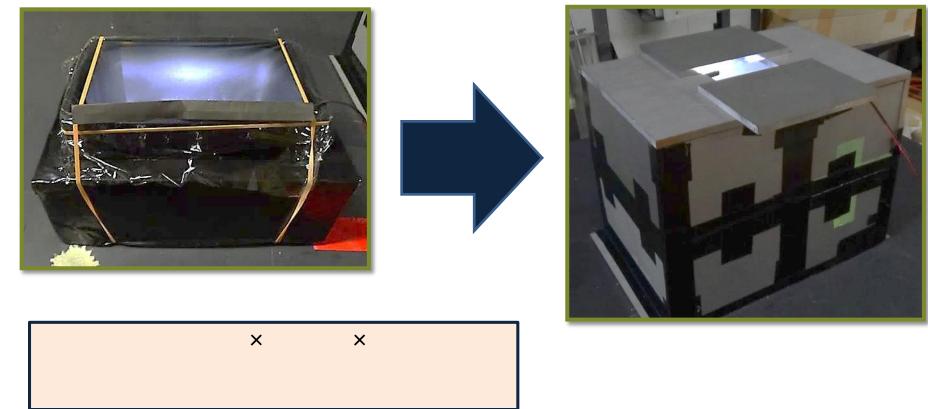
Radioactivity measurement of teeth







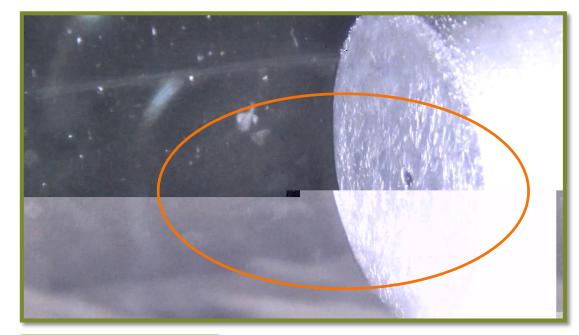
Shielding of natural radiation: Reduce the background

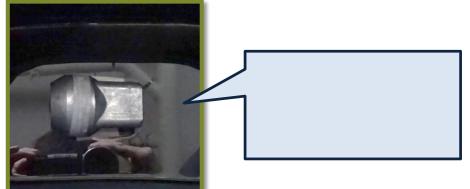


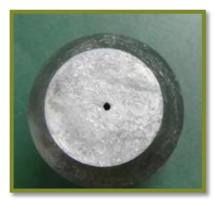
Background measurement:

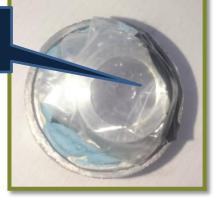
- Measure the frequency of random incoming β rays in the 50cm³ area for 1 hour.
- 2.1mBq/cm³ (1 beta ray/ 8 min.)

⁹⁰Sr source

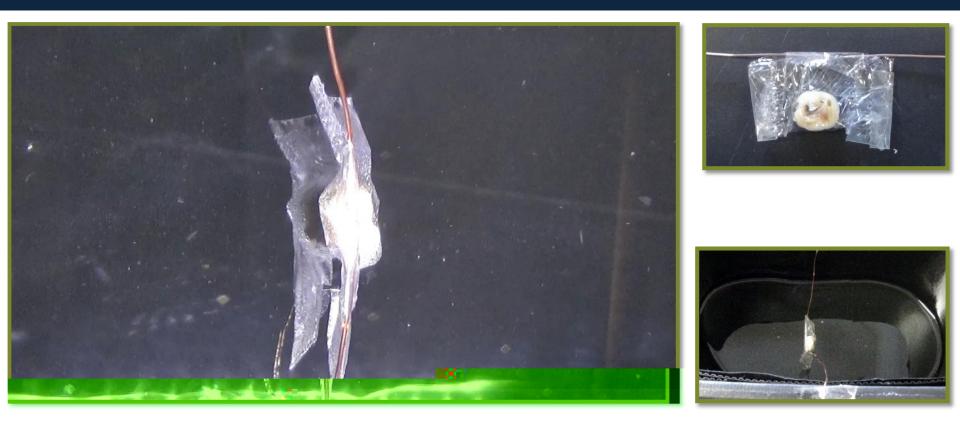








mm



Preliminary result

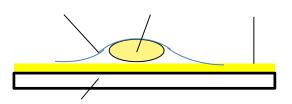
<u>0.84±0.05mBq/cm³</u>

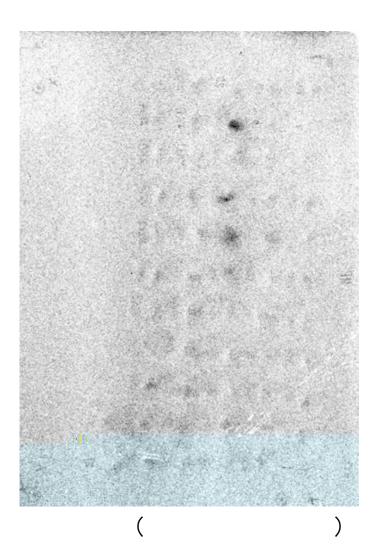
β



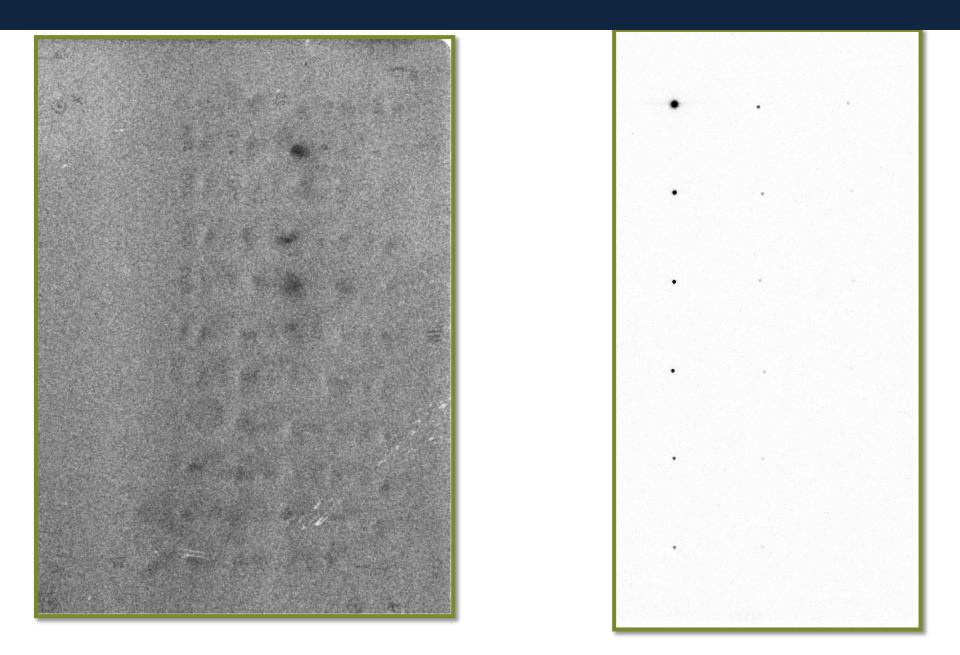
(

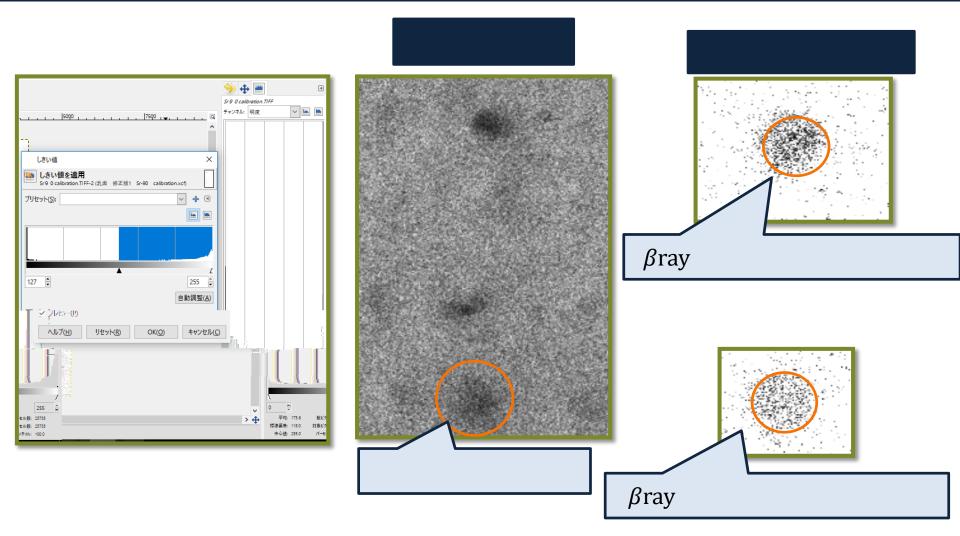




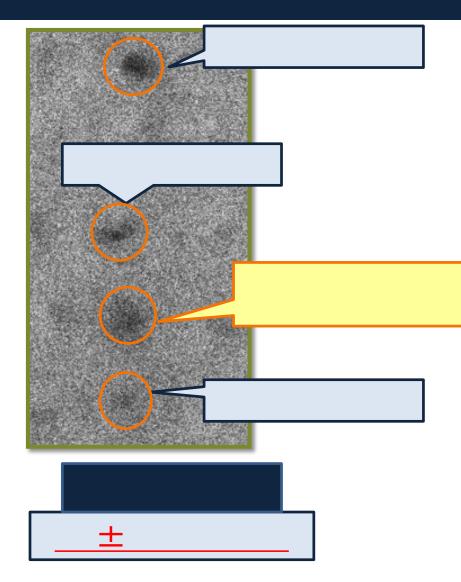


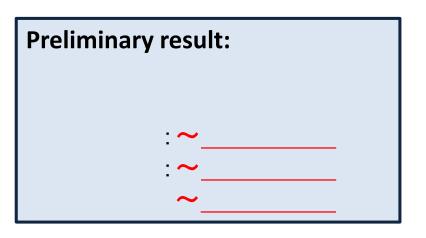






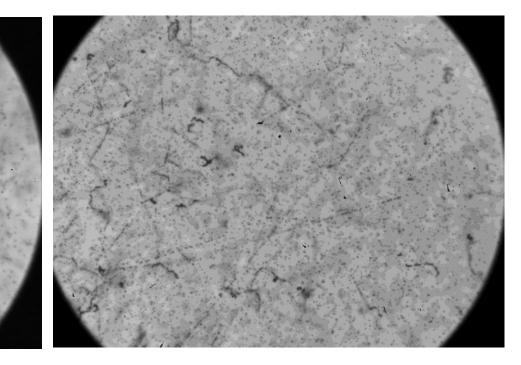
β





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