



CENTRO DI ODONTOIATRIA OPERATIVA s.r.l.
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TECHNICAL SHEET

Product name: **IDROSSILAPATITE AT[®]**

MEDICAL DEVICE COMPONENT:
"SYSTEM OF MATERIALS FOR GUIDED REGENERATION
COLLAGENE AT[®] IDROSSILAPATITE AT[®]"



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| Material | > Calcium hydroxylapatite. |
| Formula | > $Ca_5(PO_4)_3OH$ |
| Molecular Weight | > 502,32 |
| Structure | > Granulometry 200÷500 micron. Predetermined granulometry obtained by a drying, shattering and sifting process; nanometric microgranulometry at surface. |
| Reabsorption | > Reabsorbable progressively in centripetal direction, towards the inside of the granule in a time span of 6÷60 months, during the formation of new bone. |
| Sterilization | > Gamma rays. |
| Package contents | > 1 glass bottle of 17 g (code 2600) with bakelite cap.
> 10 glass bottle of 1 g (code 2601) with bakelite cap.
> 2 glass bottles of 1 g (code 2609) with bakelite cap in blister with double welding. |
| Warnings | > Use the product only if the bottle is intact. |
| Packaging | > Cardboard boxes. |
| Main Uses | > in implantological surgery
allows the application of regeneration materials to prevent post-operative ridge atrophy and atrophic ridges augmentation before implant surgery;
> in periodontal surgery
allows guided regeneration in intrabony pockets allowing the growth of new periodontal tissue and new bony tissue, due to its barrier effect, that prevents the migration of epithelium and underlying connective tissue cells from interfering with a bone defect;
> in endodontical surgery
allows new bone growth in the periapical zone without residual cavity;
> in exodontial and oral surgery
prevents post-extractive atrophy and allows the growth of new bone tissue inside the alveolus, preventing with its barrier effect the migration of epithelium and soft connective tissue and the consequent bone atrophy. |

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