**ADDITIVE TECHNOLOGIES IN BIO-RECONSTRUCTION FOR HEAD & NECK AREA**

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Nowadays, the additive technologies are in general use in technological chains in industry, and medicine is no exception. The most demanded area of the human body for the application of additive technologies there were found the head and neck.

At present, the level of specialized and high-tech medical care for diseases and traumas in this human body area requires the mandatory application of additive technologies for planning of operations, prototyping defects and reconstructive fragments and manufacturing of individual implants.

From the point of view of further development of applied additive technologies, 3D printing of scaffolds for reconstruction, enriched with host cells or allogeneic cells, is of greatest interest.

The use of pluripotent adipocytes as fillers is most promising due to the large donor resource.

It is also important to master the printing with composite materials to achieve the best properties.

Thus, additive technologies have great prospects for improving the results of treatment of this complex human anatomical zone.

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