



Soft Contact Lenses

The current market of ophthalmic implants does not cater for soft contact lenses for the eyes of Black Africans. The profiles of contact lenses currently available in the market are not suitable for their eyes as commercial contact lenses are designed for corneas having steeper profiles. This technology is about bridging a gap existing in the market through designing and local manufacturing of soft contact lenses targeted at the black ethnic group. The idea is to use the more advanced polymers that have special profile dimensions of which can help extend wearing life of contact lenses and avoid complications from unstable fitting.



Advantages

- Local production of contact lenses
- It is considered part of the fields of Advanced Manufacturing and Bioengineering, which are national strategic priorities
- Increase human skills in areas of bioengineering and ophthalmic implants manufacturing

Market Application

To locally design and manufacture soft contact lenses.

Opportunities

- Partnership opportunities
- Investment

Development Status

TRL 7: late prototype.

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