HS-UK announce a new innovation in IOL calculation - the Hill-RBF Calculator

*Haag-Streit UK (HS-UK)*, the leading manufacturer and distributor of gold-standard optometry and ophthalmic equipment, is delighted to announce the release of the Hill-RBF Calculator which is available exclusively on the LENSTAR biometer.

Harlow, Essex (PRWEB UK) 28 October 2016 -- Haag-Streit UK (HS-UK), the leading manufacturer and distributor of gold-standard optometry and ophthalmic equipment, is delighted to announce the release of the Hill-RBF Calculator which is available exclusively on the LENSTAR biometer.

The Hill-RBF Calculator is not a formula but a new method for IOL power selection which improves refractive accuracy. It is a purely data-driven IOL calculation method incorporating artificial intelligence, pattern recognition and a boundary model, for improved accuracy and confidence. Unlike older, static theoretical formulas, this approach will be continually updated, increasing the overall accuracy.

The Calculator works for all biconvex lenses from +6DS to +30DS. It is able to tell a user when a calculation is accurate and when care should be taken because of biometry parameters that do not allow accurate IOL prediction. Clinical trials have presented excellent results on all eye lengths and show that the Hill-RBF method may even outperform the current, most advanced theoretical formulae.

Sam Laidlaw, HS-UK Product Manager commented, “Dr Warren Hill, creator of the Hill-RBF Calculator, recently delivered an extremely well-received lecture on the Calculator at this month’s UKISCRS Annual Congress.” He continued, “It’s an extremely exciting, new approach to IOL power selection and the Hill-RBF Calculator produces highly-accurate IOL predictions with a very high probability. It has been optimised for use with the Haag-Streit LENSTAR LS 900.”

For more information on the Hill-RBF Calculator, please call Haag-Streit UK on (01279) 883807, or email lenstar(at)haag-streit-uk.com.
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