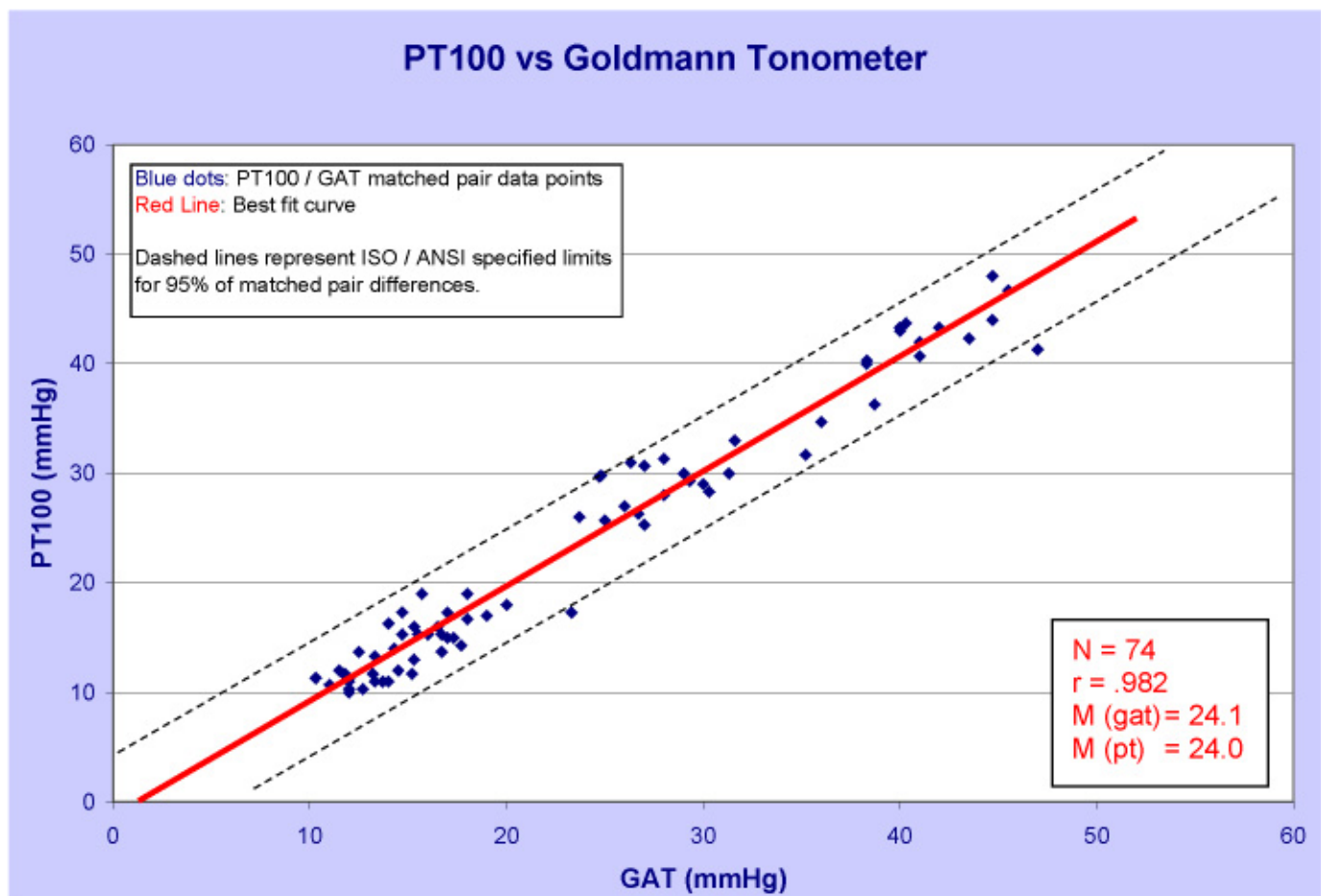




## Reichert PT100 Portable NCT Clinical Data

Since the introduction of the world's first NCT more than 30 years ago, numerous clinical studies have proven the accuracy and reliability of Reichert non-contact tonometers. Historical studies have shown that Reichert NCT's perform as well or better than Goldmann applanation tonometry when compared to itself (2 operators / 2 GAT instruments vs. 2 operators / 2 NCT instruments). The PT100 is no exception. The clinical data illustrated below indicates that the PT100 consistently correlates to Goldmann measurements and exceeds the standards specified by ISO and ANSI for matched pair differences (95% of matched pair differences must fall within  $\pm 5$ mmHg of each other).



#### Understanding the Data:

- N is the *population* or the number of eyes tested
- r is the *correlation*. Correlation indicates how closely two separate data points are related. A correlation of 1 ( $r = 1$ ) is perfect correlation. The closer to 1, the better the correlation.
- M is the *mean* or average of a data series.