**Adherence %** = \( \frac{\text{No. of adherent doses} \ast}{\text{Expected no. doses for monitoring period}} \times 100 \)

* Adherent dose = >one recorded application during the expected dosing time *

# Expected dosing time = calculated mean average dosing time for duration of study +/- 2 hours (occurring between 17:00 and 04:59 hours)

\[ MPRa = \frac{\text{Sum of days supply of all glaucoma medications during observation period}}{\text{Sum of days of medication required during observation period}} \]

# Mean no. of days/2.5 ml size bottle (ou dosing)= 51.5 (Fiscilla et al. 2003)

*Observation period: days from index prescription until end of study, or change of treatment*

\[ MPRb = \frac{\text{Absolute sum of days} \pm \text{a 28 day prescription refill period}}{\text{Sum of days of medication required during observation period}} \]

*Observation period: days from index prescription until end of study (change of treatment inclusive)*