

1. CVF – coverage factor (13) $CVF = \frac{TVRI}{TV}$

TVRI – irradiated target volume encompassed by reference dose 95%-isodose; TV- target volume

2. HTCI - Healthy Tissue Conformity Index (14) $HTCI = \frac{TVRI}{VRI}$

VRI – irradiated volume encompassed by reference 95%-isodose

3. CN – conformation number (15) $CN = CVF \times HTCI$

4. HI – homogeneity index (13) $HI = \frac{D_{5\%}}{D_{95\%}}$

5. COIN – conformity index according to Baltas et al. (20)

$$COIN = CN \times \left(1 - \frac{V_{OAR\ ref}}{V_{OAR}}\right)$$

$V_{OAR\ ref}$ OAR volume receiving reference dose; V_{OAR} total volume of OAR