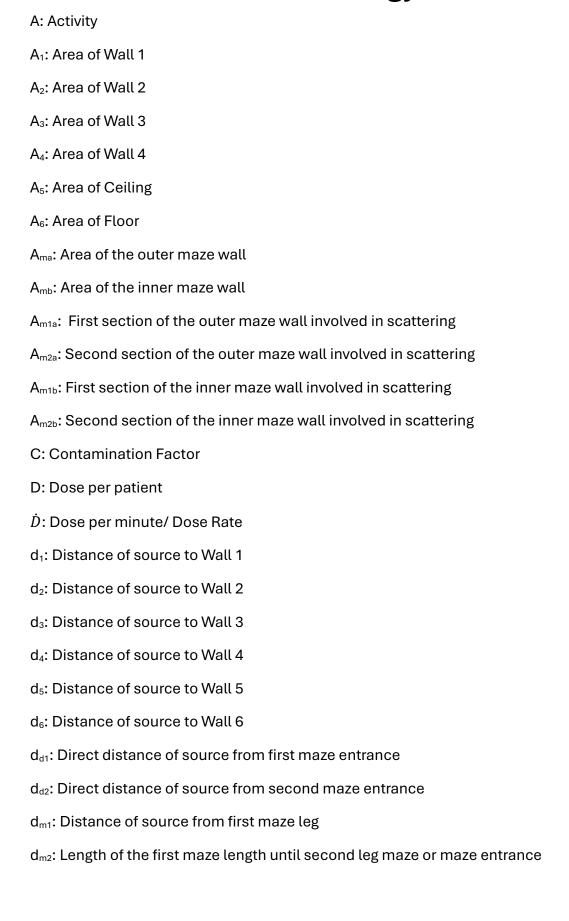
Terminology



d_{m3}: Length of second maze length until maze entrance

P: Design Limit of the respective wall

P_{m1}: Design Limit of neighbouring room to the outer maze wall

 P_{m2} : Design Limit of neighbouring room to the second maze wall or design limit at the maze entrance

P_{m3}: Design Limit at the maze entrance

Pe1: Design Limit of the neighbouring to the edge of walls 1 and 2 room

P_{e2}: Design Limit of the neighbouring to the edge of walls 1 and 4 room

Pe3: Design Limit of the neighbouring to the edge of walls 1 and 5 room

P_{e4}: Design Limit of the neighbouring to the edge of walls 1 and 6 room

Pes: Design Limit of the neighbouring to the edge of walls 2 and 3 room

P_{e6}: Design Limit of the neighbouring to the edge of walls 2 and 5 room

P_{e7}: Design Limit of the neighbouring to the edge of walls 2 and 6 room

Pes: Design Limit of the neighbouring to the edge of walls 3 and 4 room

P_{e9}: Design Limit of the neighbouring to the edge of walls 3 and 5 room

P_{e10}: Design Limit of the neighbouring to the edge of walls 3 and 6 room

 $P_{\text{e}11}$: Design Limit of the neighbouring to the edge of walls 4 and 5 room

P_{e12}: Design Limit of the neighbouring to the edge of walls 4 and 6 room

 P_{c1} : Design Limit of the neighbouring to the corner of walls 1, 2 and 5 room

 $P_{\text{c2}}\!\!:$ Design Limit of the neighbouring to the corner of walls 1, 2 and 6 room

P_{c3}: Design Limit of the neighbouring to the corner of walls 1, 4 and 5 room

 P_{c4} : Design Limit of the neighbouring to the corner of walls 1, 4 and 6 room

Pc5: Design Limit of the neighbouring to the corner of walls 2, 3 and 5 room

P_{c6}: Design Limit of the neighbouring to the corner of walls 2, 3 and 6 room

P_{c7}: Design Limit of the neighbouring to the corner of walls 3, 4 and 5 room

P_{c8}: Design Limit of the neighbouring to the corner of walls 3, 4 and 6 room

T: Occupation Factor

#S: Number of sources

S: Source

W: Workload

Tr_{per week}: Number of treatments/patients per week

Pt.Att.: Patient Attenuation Factor

IDR: Instantaneous Dose Rate

NoMaze: Brachytherapy room with no mazes

OneLeg: Brachytherapy room with one maze leg

TwoLeg: Brachytherapy room with two maze legs

 θ_{o1} : Incident angle of first scatter

 θ_{o2} : Incident angle of second scatter

 θ_{r1} : Reflecting angle of first scatter

 θ_{r2} : Reflecting angle of second scatter

Pb Pr.: Lead Price per Kg

Stl Pr.: Steel Price per Kg

ConcBa: Concrete Baryte Price per Kg