

Tissue phantom ratios (TPRs) for 6-MV photons ($d_0 = 10$ cm).

Field size	4 × 4	5 × 5	6 × 6	7 × 7	8 × 8	9 × 9	10 × 10	11 × 11	12 × 12	13 × 13	14 × 14	15 × 15	16 × 16	17 × 17
	Depth													
1.5	1.390	1.364	1.340	1.323	1.313	1.302	1.291	1.281	1.273	1.267	1.261	1.256	1.251	1.246
2.0	1.381	1.360	1.336	1.317	1.307	1.296	1.286	1.275	1.267	1.260	1.255	1.251	1.246	1.241
2.5	1.360	1.338	1.321	1.305	1.292	1.281	1.270	1.261	1.254	1.247	1.241	1.237	1.232	1.228
3.0	1.335	1.318	1.298	1.283	1.273	1.263	1.253	1.244	1.238	1.232	1.227	1.223	1.219	1.214
3.5	1.311	1.296	1.279	1.266	1.257	1.247	1.237	1.228	1.221	1.216	1.212	1.209	1.205	1.201
4.0	1.286	1.275	1.258	1.244	1.236	1.229	1.221	1.213	1.208	1.202	1.198	1.194	1.191	1.187
4.5	1.263	1.252	1.238	1.226	1.219	1.212	1.204	1.197	1.192	1.188	1.183	1.180	1.177	1.173
5.0	1.240	1.230	1.217	1.207	1.200	1.193	1.187	1.181	1.177	1.172	1.169	1.167	1.164	1.161
5.5	1.216	1.207	1.196	1.187	1.181	1.176	1.170	1.164	1.159	1.155	1.152	1.150	1.148	1.145
6.0	1.192	1.183	1.174	1.166	1.162	1.157	1.152	1.147	1.143	1.139	1.137	1.135	1.133	1.131
6.5	1.167	1.161	1.152	1.146	1.143	1.139	1.133	1.127	1.124	1.122	1.120	1.119	1.117	1.115
7.0	1.142	1.135	1.129	1.125	1.122	1.118	1.114	1.110	1.107	1.105	1.103	1.100	1.098	1.096
7.5	1.119	1.112	1.106	1.102	1.098	1.095	1.092	1.090	1.088	1.086	1.085	1.083	1.082	1.081
8.0	1.094	1.089	1.084	1.082	1.079	1.077	1.074	1.071	1.069	1.067	1.066	1.066	1.065	1.065
8.5	1.072	1.067	1.062	1.061	1.060	1.058	1.055	1.052	1.051	1.050	1.050	1.050	1.049	1.049
8.5	1.072	1.067	1.062	1.061	1.060	1.058	1.055	1.052	1.051	1.050	1.050	1.050	1.049	1.049
9.0	1.047	1.045	1.041	1.040	1.039	1.038	1.037	1.035	1.035	1.035	1.034	1.034	1.033	1.033
9.5	1.023	1.020	1.019	1.020	1.020	1.019	1.017	1.016	1.017	1.017	1.017	1.017	1.016	1.016
10.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
10.5	0.980	0.979	0.979	0.981	0.982	0.982	0.982	0.982	0.983	0.984	0.985	0.985	0.985	0.985
11.0	0.960	0.959	0.959	0.961	0.962	0.963	0.964	0.964	0.965	0.965	0.966	0.967	0.969	0.970
11.5	0.939	0.940	0.939	0.941	0.943	0.945	0.946	0.947	0.948	0.950	0.951	0.952	0.953	0.953
12.0	0.919	0.919	0.918	0.921	0.923	0.925	0.927	0.929	0.931	0.933	0.934	0.936	0.937	0.938
12.5	0.896	0.897	0.897	0.901	0.904	0.906	0.908	0.909	0.912	0.915	0.917	0.918	0.918	0.918
13.0	0.877	0.876	0.877	0.882	0.885	0.888	0.889	0.891	0.893	0.897	0.900	0.901	0.902	0.903
13.5	0.856	0.857	0.858	0.863	0.868	0.870	0.873	0.875	0.877	0.880	0.883	0.885	0.887	0.888
14.0	0.838	0.840	0.840	0.846	0.850	0.853	0.855	0.856	0.859	0.863	0.867	0.870	0.872	0.874
14.5	0.818	0.822	0.823	0.828	0.832	0.835	0.838	0.841	0.845	0.848	0.852	0.855	0.857	0.860
15.0	0.801	0.804	0.806	0.811	0.815	0.819	0.822	0.824	0.828	0.832	0.836	0.839	0.842	0.844
16.0	0.768	0.771	0.773	0.781	0.785	0.788	0.791	0.793	0.797	0.802	0.806	0.809	0.811	0.813
17.0	0.733	0.737	0.739	0.746	0.752	0.756	0.760	0.762	0.766	0.770	0.775	0.779	0.782	0.784
18.0	0.701	0.704	0.706	0.714	0.720	0.724	0.727	0.731	0.735	0.740	0.746	0.750	0.753	0.756
19.0	0.671	0.675	0.675	0.683	0.689	0.693	0.697	0.701	0.706	0.712	0.717	0.722	0.725	0.728
20.0	0.642	0.647	0.648	0.656	0.663	0.667	0.672	0.675	0.679	0.685	0.691	0.696	0.698	0.701
21.0	0.616	0.619	0.621	0.630	0.637	0.642	0.646	0.649	0.653	0.657	0.663	0.668	0.672	0.676
22.0	0.590	0.593	0.593	0.603	0.612	0.616	0.619	0.622	0.626	0.632	0.639	0.645	0.648	0.651
23.0	0.565	0.570	0.568	0.575	0.585	0.590	0.595	0.597	0.600	0.605	0.612	0.619	0.623	0.626
24.0	0.541	0.546	0.544	0.550	0.559	0.564	0.569	0.572	0.576	0.581	0.588	0.594	0.598	0.601
25.0	0.517	0.524	0.522	0.529	0.539	0.543	0.547	0.550	0.553	0.558	0.565	0.572	0.576	0.579
Field size	18 × 18	19 × 19	20 × 20	21 × 21	22 × 22	24 × 24	26 × 26	28 × 28	30 × 30	32 × 32	34 × 34	36 × 36	38 × 38	40 × 40
	Depth													
1.5	1.241	1.237	1.232	1.228	1.224	1.218	1.212	1.207	1.204	1.200	1.196	1.192	1.189	1.186
2.0	1.236	1.231	1.226	1.222	1.218	1.211	1.205	1.201	1.199	1.195	1.192	1.188	1.185	1.181
2.5	1.223	1.219	1.215	1.211	1.207	1.200	1.194	1.190	1.188	1.185	1.182	1.179	1.176	1.173
3.0	1.210	1.206	1.203	1.199	1.195	1.189	1.184	1.179	1.176	1.173	1.170	1.167	1.164	1.162
3.5	1.197	1.193	1.189	1.186	1.182	1.177	1.172	1.168	1.166	1.163	1.160	1.157	1.155	1.152

4.0	1.184	1.181	1.177	1.174	1.171	1.166	1.161	1.158	1.155	1.152	1.150	1.148	1.145	1.143
4.5	1.170	1.167	1.164	1.161	1.158	1.153	1.149	1.146	1.144	1.142	1.139	1.137	1.135	1.132
5.0	1.157	1.154	1.151	1.148	1.145	1.141	1.138	1.135	1.133	1.131	1.129	1.127	1.124	1.122
5.5	1.142	1.139	1.136	1.134	1.132	1.129	1.126	1.123	1.120	1.118	1.116	1.114	1.112	1.111
6.0	1.128	1.126	1.123	1.121	1.118	1.115	1.111	1.109	1.107	1.106	1.104	1.103	1.101	1.099
6.5	1.113	1.111	1.109	1.107	1.105	1.102	1.099	1.096	1.094	1.093	1.091	1.090	1.088	1.087
7.0	1.094	1.093	1.092	1.091	1.089	1.087	1.085	1.083	1.082	1.081	1.080	1.078	1.077	1.076
7.5	1.079	1.078	1.077	1.076	1.074	1.072	1.069	1.067	1.066	1.065	1.064	1.063	1.062	1.062
8.0	1.063	1.062	1.061	1.060	1.059	1.058	1.056	1.054	1.052	1.051	1.049	1.048	1.048	1.048
8.5	1.048	1.047	1.045	1.044	1.043	1.042	1.041	1.040	1.039	1.038	1.038	1.037	1.037	1.036
9.0	1.032	1.032	1.032	1.031	1.031	1.029	1.028	1.027	1.026	1.026	1.026	1.025	1.025	1.024
9.5	1.016	1.016	1.016	1.015	1.015	1.014	1.014	1.013	1.013	1.014	1.014	1.014	1.014	1.013
10.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
10.5	0.986	0.986	0.986	0.986	0.985	0.985	0.985	0.986	0.986	0.986	0.987	0.987	0.988	0.988
11.0	0.970	0.971	0.971	0.971	0.972	0.972	0.972	0.972	0.973	0.973	0.974	0.975	0.975	0.975
11.5	0.954	0.955	0.955	0.956	0.956	0.957	0.959	0.960	0.960	0.960	0.960	0.960	0.961	0.961
12.0	0.938	0.938	0.939	0.939	0.940	0.941	0.943	0.945	0.945	0.945	0.945	0.946	0.946	0.947
12.5	0.920	0.921	0.922	0.924	0.925	0.927	0.929	0.931	0.932	0.932	0.933	0.933	0.934	0.935
13.0	0.904	0.905	0.906	0.908	0.909	0.911	0.913	0.915	0.916	0.917	0.918	0.920	0.921	0.922
13.5	0.890	0.891	0.892	0.894	0.895	0.898	0.901	0.903	0.904	0.905	0.905	0.906	0.907	0.908
14.0	0.876	0.877	0.879	0.880	0.881	0.883	0.885	0.887	0.889	0.891	0.892	0.894	0.895	0.897
14.5	0.861	0.863	0.864	0.866	0.867	0.869	0.872	0.874	0.876	0.877	0.878	0.880	0.881	0.883
15.0	0.846	0.848	0.849	0.851	0.853	0.856	0.859	0.862	0.864	0.865	0.867	0.868	0.870	0.871
16.0	0.815	0.818	0.820	0.822	0.825	0.829	0.833	0.837	0.839	0.840	0.842	0.843	0.845	0.846
17.0	0.787	0.789	0.792	0.794	0.796	0.801	0.805	0.809	0.812	0.814	0.815	0.816	0.818	0.820
18.0	0.758	0.761	0.763	0.765	0.768	0.773	0.777	0.782	0.786	0.787	0.789	0.791	0.793	0.795
19.0	0.730	0.733	0.736	0.739	0.741	0.746	0.751	0.756	0.760	0.762	0.764	0.766	0.769	0.771
20.0	0.703	0.706	0.709	0.712	0.715	0.721	0.727	0.732	0.736	0.739	0.742	0.744	0.747	0.749
21.0	0.679	0.682	0.685	0.687	0.690	0.695	0.701	0.707	0.713	0.716	0.718	0.720	0.722	0.725
22.0	0.653	0.655	0.658	0.661	0.664	0.670	0.677	0.683	0.689	0.692	0.694	0.696	0.698	0.700
23.0	0.628	0.631	0.634	0.636	0.639	0.645	0.652	0.659	0.665	0.668	0.670	0.672	0.674	0.676
24.0	0.603	0.606	0.609	0.612	0.615	0.622	0.629	0.636	0.642	0.646	0.648	0.650	0.651	0.654
25.0	0.582	0.584	0.587	0.591	0.594	0.600	0.607	0.615	0.621	0.626	0.628	0.629	0.630	0.633