

## Supplementary materials

	<b>CKD Active on the list</b>	<b>Dialysis Inactive on the list</b>	<b>Death</b>
Age (years, vs. ]0, 40]) (*)			
]40, 55]	0.97 [0.90, 1.03]	0.95 [0.84, 1.07]	2.74 [1.20, 6.28]
]55, 60]	0.89 [0.81, 0.96]	1.01 [0.87, 1.16]	3.26 [1.34, 7.89]
]60, 65]	0.95 [0.88, 1.03]	0.87 [0.75, 1.00]	3.31 [1.39, 7.85]
]65, 70]	0.85 [0.78, 0.93]	0.94 [0.82, 1.08]	
]70, 75]	0.87 [0.79, 0.96]	0.91 [0.77, 1.07]	2.34 [1.01, 5.43]
]75, 80]	1.01 [0.87, 1.16]		
>80	1.02 [0.75, 1.41]	1.06 [0.85, 1.33]	
Body mass index (kg/m <sup>2</sup> , vs. ]18, 25])			
≤18	1.20 [1.07, 1.33]	1.02 [0.82, 1.27]	1.62 [0.54, 4.90]
]25, 30]	1.05 [1.00, 1.11]	1.01 [0.92, 1.11]	0.74 [0.49, 1.10]
]30, 35]	0.90 [0.84, 0.96]	1.11 [0.99, 1.24]	0.81 [0.50, 1.32]
>35	0.47 [0.41, 0.53]	1.28 [1.10, 1.48]	0.46 [0.19, 1.08]
Diabetes	0.98 [0.92, 1.04]	1.02 [0.93, 1.11]	2.43 [1.68, 3.50]
Cardiovascular disease	0.87 [0.82, 0.92]	1.22 [1.11, 1.34]	2.23 [1.56, 3.20]
Region (vs. A)			
B	1.53 [1.41, 1.65]	1.05 [0.92, 1.20]	
C	1.25 [1.10, 1.41]	1.10 [0.91, 1.33]	
D	1.59 [1.43, 1.76]	1.20 [1.00, 1.44]	
E	1.10 [0.97, 1.26]	0.63 [0.49, 0.80]	
F	1.10 [1.00, 1.22]	0.99 [0.85, 1.15]	
G	0.76 [0.68, 0.85]	0.10 [-0.04, 0.25]	
H	1.09 [0.99, 1.21]	1.11 [0.96, 1.28]	
I	1.78 [1.63, 1.95]	0.83 [0.71, 0.98]	
J	1.58 [1.45, 1.72]	0.88 [0.75, 1.02]	
K	1.62 [1.45, 1.80]	0.87 [0.75, 1.01]	
L	1.36 [1.24, 1.48]	0.94 [0.77, 1.16]	
Time since inclusion (years, vs. ]0, 1])			
0	0.69 [0.65, 0.73]	1.09 [0.98, 1.22]	0.32 [0.22, 0.47]
]1, 2]	0.83 [0.75, 0.91]	1.03 [0.85, 1.24]	0.98 [0.54, 1.77]
]2, 3]	0.74 [0.64, 0.86]	0.70 [0.51, 0.96]	0.48 [0.15, 1.56]
]3, 5]	0.66 [0.55, 0.79]	0.62 [0.42, 0.91]	1.09 [0.43, 2.75]
>5	0.45 [0.30, 0.68]	0.68 [0.34, 1.38]	1.09 [0.15, 8.02]
Year of inclusion	0.98 [0.97, 0.99]	0.98 [0.96, 0.99]	
Male sex		1.15 [1.06, 1.24]	2.06 [1.35, 3.15]

**Table S1.** Hazard ratios of the Cox models predicting transitions of nondialyzed patients inactive on the waitlist. (\*) Patient age was categorized so that at least 20 events were observed in every category.

	<b>CKD Inactive on the list</b>	<b>Dialysis Active on the list</b>	<b>Kidney transplantation</b>	<b>Death</b>
Age (years, vs. ]0, 40]) (*)				
]40, 55]	0.95 [0.86, 1.06]	0.99 [0.90, 1.10]	0.72 [0.65, 0.78]	2.29 [0.64, 8.18]
]55, 60]	0.87 [0.76, 0.98]	0.90 [0.80, 1.02]	0.54 [0.47, 0.61]	4.53 [1.21, 16.91]
]60, 65]	0.98 [0.87, 1.11]	0.99 [0.88, 1.12]	0.46 [0.40, 0.52]	
]65, 70]	1.00 [0.89, 1.13]	0.94 [0.83, 1.07]	0.44 [0.38, 0.50]	
]70, 75]	0.94 [0.82, 1.08]	0.91 [0.79, 1.05]	0.42 [0.36, 0.49]	4.31 [1.29, 14.42]
]75, 80]			0.90 [0.74, 1.09]	
>80	1.03 [0.85, 1.26]	1.05 [0.85, 1.29]	2.82 [2.05, 3.87]	
Body mass index (kg/m <sup>2</sup> , vs. ]18, 25])				
≤18	1.90 [1.65, 2.18]	1.16 [0.98, 1.39]	1.01 [0.87, 1.17]	7.79 [2.54, 23.86]
]25, 30]	0.95 [0.87, 1.02]	1.05 [0.97, 1.13]	0.85 [0.78, 0.91]	0.68 [0.35, 1.32]
]30, 35]	0.85 [0.76, 0.95]	1.09 [0.99, 1.21]	0.71 [0.64, 0.80]	0.83 [0.38, 1.84]
>35	0.97 [0.80, 1.18]	1.08 [0.89, 1.31]	0.57 [0.44, 0.73]	1.33 [0.38, 4.63]
Diabetes	1.32 [1.21, 1.43]	1.01 [0.92, 1.10]	1.00 [0.91, 1.09]	2.10 [1.15, 3.83]
Cardiovascular disease	1.16 [1.07, 1.27]	1.00 [0.91, 1.10]	1.11 [1.01, 1.22]	2.73 [1.53, 4.89]
Region (vs. A)				
B	0.99 [0.88, 1.11]	1.04 [0.94, 1.16]	1.19 [1.06, 1.33]	
C	1.11 [0.90, 1.38]	1.38 [1.15, 1.67]	1.41 [1.13, 1.76]	
D	2.20 [1.91, 2.54]	1.30 [1.09, 1.54]	1.49 [1.24, 1.79]	
E	1.10 [0.91, 1.33]	1.10 [0.91, 1.32]	1.77 [1.49, 2.10]	
F	1.22 [1.06, 1.41]	1.17 [1.02, 1.34]	1.31 [1.13, 1.52]	
G	1.28 [1.06, 1.55]	1.30 [1.07, 1.59]	1.84 [1.53, 2.22]	
H	1.25 [1.06, 1.49]	1.10 [0.92, 1.31]	1.76 [1.49, 2.09]	
I	1.40 [1.24, 1.59]	1.02 [0.89, 1.16]	1.40 [1.22, 1.61]	
J	0.81 [0.72, 0.92]	0.92 [0.83, 1.03]	1.16 [1.03, 1.31]	
K	1.46 [1.28, 1.66]	1.12 [0.96, 1.30]	1.22 [1.06, 1.41]	
L	1.05 [0.91, 1.21]	0.92 [0.80, 1.06]	2.15 [1.89, 2.45]	
Time since inclusion (years, vs. ]0, 1])				
0	0.73 [0.68, 0.79]	0.93 [0.87, 1.00]		
]1, 2]	1.26 [1.13, 1.40]	0.86 [0.76, 0.98]		
]2, 3]	1.24 [1.05, 1.46]	0.75 [0.61, 0.92]		
]3, 5]	1.29 [1.05, 1.58]	0.42 [0.29, 0.59]		
>5	1.54 [1.04, 2.28]	0.59 [0.31, 1.15]		
Year of inclusion	0.98 [0.97, 1.00]	0.98 [0.96, 0.99]	0.97 [0.96, 0.99]	
Male sex	1.10 [1.02, 1.17]		1.09 [1.01, 1.17]	1.98 [1.04, 3.81]

**Table S2.** Hazard ratios of the Cox models predicting transitions of nondialyzed patients active on the waitlist. (\*) Patient age was categorized so that at least 20 events were observed in every category.

	Dialysis Active on the list	Death
Age (years, vs. ]0, 40]) (*)		
]40, 55]	0.81 [0.77, 0.85]	1.43 [1.00, 2.05]
]55, 60]	0.80 [0.76, 0.84]	1.76 [1.21, 2.56]
]60, 65]	0.75 [0.71, 0.80]	2.29 [1.61, 3.27]
]65, 70]	0.71 [0.67, 0.75]	2.83 [2.00, 4.00]
]70, 75]	0.69 [0.64, 0.73]	2.76 [1.93, 3.95]
]75, 80]	0.67 [0.62, 0.73]	
>80	0.68 [0.57, 0.82]	2.97 [2.00, 4.42]
Body mass index (kg/m <sup>2</sup> , vs. ]18, 25])		
≤18	1.13 [1.06, 1.21]	1.80 [1.31, 2.49]
]25, 30]	1.02 [0.98, 1.06]	0.81 [0.69, 0.95]
]30, 35]	0.92 [0.88, 1.06]	0.76 [0.63, 0.92]
>35	0.65 [0.61, 0.69]	0.54 [0.42, 0.70]
Diabetes	0.90 [0.87, 0.93]	1.67 [1.45, 1.93]
Cardiovascular disease	0.84 [0.81, 0.87]	1.49 [1.30, 1.72]
History of renal transplantation	0.81 [0.74, 0.88]	
Region (vs. A)		
B	1.27 [1.21, 1.34]	
C	1.21 [1.12, 1.31]	
D	1.61 [1.50, 1.72]	
E	1.08 [0.99, 1.18]	
F	1.16 [1.09, 1.23]	
G	0.82 [0.76, 0.87]	
H	1.40 [1.30, 1.51]	
I	1.60 [1.52, 1.69]	
J	1.30 [1.23, 1.38]	
K	1.20 [1.12, 1.18]	
L	1.58 [1.48, 1.69]	
Time since inclusion (years, vs. ]0, 1])		
]1, 2]	0.94 [0.91, 0.98]	1.12 [0.93, 1.34]
]2, 3]	0.88 [0.84, 0.92]	1.38 [1.14, 1.68]
]3, 5]	0.81 [0.77, 0.85]	1.77 [1.46, 2.13]
>5	0.69 [0.64, 76]	2.07 [1.53, 2.80]
Year of inclusion	0.98 [0.97, 0.99]	
Male sex		1.24 [1.06, 1.44]

**Table S3.** Hazard ratios of the Cox models predicting transitions of dialyzed patients inactive on the waitlist. (\*) Patient age was categorized so that at least 20 events were observed in every category.

	<b>Dialysis Inactive on the list</b>	<b>Kidney transplantation</b>	<b>Death</b>
Age (years, vs. ]0, 40]) (*)			
]40, 55]	0.84 [0.79, 0.90]	0.69 [0.66, 0.73]	1.60 [0.89, 2.86]
]55, 60]	0.91 [0.85, 0.98]	0.56 [0.52, 0.60]	1.59 [0.85, 2.97]
]60, 65]	0.91 [0.84, 0.98]	0.54 [0.50, 0.58]	1.96 [1.08, 3.57]
]65, 70]	0.98 [0.91, 1.05]	0.55 [0.51, 0.59]	1.97 [1.08, 3.60]
]70, 75]	1.06 [0.98, 1.15]	0.66 [0.61, 0.72]	
]75, 80]	1.23 [1.10, 1.37]	1.33 [1.20, 1.47]	2.85 [1.57, 5.20]
>80	1.29 [1.02, 1.63]	2.23 [1.84, 2.69]	
Body mass index (kg/m <sup>2</sup> , vs. ]18, 25])			
≤18	1.63 [1.51, 1.77]	0.97 [0.89, 1.06]	1.78 [0.93, 3.39]
]25, 30]	0.98 [0.94, 1.03]	0.94 [0.89, 0.98]	0.89 [0.66, 1.19]
]30, 35]	1.00 [0.94, 1.06]	0.88 [0.83, 0.94]	0.70 [0.48, 1.02]
>35	1.13 [1.04, 1.22]	0.85 [0.77, 0.93]	0.79 [0.45, 1.38]
Diabetes	1.22 [1.17, 1.28]	0.89 [0.85, 0.93]	1.99 [1.52, 2.61]
Cardiovascular disease	1.21 [1.16, 1.27]	0.92 [0.88, 0.96]	1.79 [1.37, 2.32]
History of renal transplantation	0.85 [0.76, 0.96]	0.44 [0.38, 0.51]	
Region (vs. A)			
B	1.12 [1.05, 1.20]	1.49 [1.38, 1.59]	
C	1.40 [1.26, 1.56]	1.97 [1.77, 2.19]	
D	1.93 [1.76, 2.12]	2.65 [2.41, 2.91]	
E	1.13 [1.01, 1.26]	2.08 [1.88, 2.30]	
F	1.22 [1.13, 1.31]	1.49 [1.37, 1.61]	
G	1.10 [0.99, 1.23]	3.03 [2.79, 3.30]	
H	1.38 [1.25, 1.53]	2.73 [2.48, 3.00]	
I	1.74 [1.63, 1.86]	1.91 [1.77, 2.06]	
J	1.01 [0.93, 1.09]	1.32 [1.22, 1.43]	
K	1.75 [1.61, 1.92]	2.73 [2.50, 2.98]	
L	1.12 [1.03, 1.21]	1.62 [1.49, 1.75]	
Time since inclusion (years, vs. ]0, 1])			
]1, 2]	1.18 [1.12, 1.23]	1.01 [0.97, 1.06]	1.77 [1.27, 2.46]
]2, 3]	1.45 [1.37, 1.54]	1.09 [1.03, 1.16]	2.21 [1.51, 3.23]
]3, 5]	1.65 [1.55, 1.75]	1.24 [1.16, 1.33]	3.09 [2.10, 4.53]
>5	1.83 [1.66, 2.03]	1.43 [1.27, 1.62]	3.20 [1.67, 6.11]
Year of inclusion		0.99 [0.98, 1.00]	
Male sex		1.11 [1.06, 1.15]	1.66 [1.23, 2.23]
Preemptive registration to the waitlist	0.93 [0.89, 0.97]		

**Table S4.** Hazard ratios of the Cox models predicting transitions of dialyzed patients active on the waitlist. (\*) Patient age was categorized so that at least 20 events were observed in every category.

	Dialysis Inactive on the list	Dialysis Active on the list	Death
Age (years, vs. ]0, 40]) (*)			
]40, 55]	0.69 [0.64, 0.73]	0.58 [0.53, 0.63]	1.99 [1.66, 2.39]
]55, 60]	0.53 [0.49, 0.57]	0.44 [0.40, 0.49]	2.71 [2.27, 3.24]
]60, 65]	0.40 [0.37, 0.43]	0.32 [0.29, 0.36]	3.15 [2.65, 3.74]
]65, 70]	0.28 [0.26, 0.30]	0.24 [0.21, 0.26]	3.60 [3.03, 4.27]
]70, 75]	0.14 [0.13, 0.15]	0.12 [0.11, 0.14]	3.96 [3.34, 4.69]
]75, 80]	0.05 [0.04, 0.05]	0.03 [0.03, 0.04]	4.45 [3.76, 5.27]
]80, 85]			5.68 [4.79, 6.72]
]85, 90]	0.004 [0.003, 0.005]	0.003 [0.002, 0.005]	7.02 [5.92, 8.32]
>90			8.85 [7.41, 10.5]
Body mass index (kg/m <sup>2</sup> , vs. ]18, 25])			
≤18	0.68 [0.61, 0.76]	0.86 [0.76, 0.97]	1.58 [1.49, 1.69]
]25, 30]	1.21 [1.15, 1.27]	1.21 [1.13, 1.30]	0.85 [0.82, 0.87]
]30, 35]	1.16 [1.09, 1.24]	1.12 [1.03, 1.23]	0.81 [0.78, 0.85]
>35	0.67 [0.61, 0.72]	0.44 [0.38, 0.50]	0.83 [0.79, 0.88]
Diabetes	0.77 [0.73, 0.81]	0.70 [0.65, 0.74]	1.13 [1.10, 1.16]
Cardiovascular disease	0.60 [0.57, 0.63]	0.53 [0.49, 0.56]	1.62 [1.57, 1.67]
History of renal transplantation			
Region (vs. A)			
B	0.71 [0.66, 0.76]	1.16 [1.04, 1.28]	
C	0.71 [0.64, 0.79]	0.43 [0.35, 0.53]	
D	0.74 [0.67, 0.82]	0.60 [0.50, 0.71]	
E	0.71 [0.63, 0.79]	1.22 [1.06, 1.41]	
F	0.52 [0.48, 0.57]	0.82 [0.74, 0.92]	
G	0.49 [0.45, 0.53]	0.24 [0.20, 0.28]	
H	0.82 [0.75, 0.91]	0.28 [0.22, 0.36]	
I	0.65 [0.60, 0.71]	1.18 [1.06, 1.32]	
J	0.79 [0.73, 0.85]	0.96 [0.85, 1.09]	
K	0.79 [0.71, 0.87]	0.66 [0.56, 0.78]	
L	0.31 [0.28, 0.34]	1.22 [1.10, 1.35]	
Time since inclusion (years, vs. ]0, 1])			
0	0.24 [0.20, 0.30]	0.45 [0.31, 0.65]	1.30 [0.65, 2.60]
]1, 2]	0.79 [0.58, 1.06]	0.70 [0.42, 1.18]	1.24 [0.55, 2.80]
]2, 3]	0.68 [0.50, 0.91]	0.28 [0.15, 0.52]	1.23 [0.56, 2.67]
]3, 5]	0.50 [0.38, 0.67]	0.41 [0.25, 0.67]	1.60 [0.76, 3.39]
>5	0.60 [0.43, 0.82]	0.20 [0.10, 0.39]	2.47 [1.16, 5.27]
Year of inclusion	1.07 [1.06, 1.08]	0.95 [0.93, 0.96]	0.99 [0.99, 1.00]
Male sex	1.12 [1.07, 1.17]	1.16 [1.09, 1.24]	1.12 [1.09, 1.15]
Preemptive registration to the waitlist			

**Table S5.** Hazard ratios of the Cox models predicting transitions of dialyzed patients not listed.

(\*) Patient age was categorized so that at least 20 events were observed in every category.

	Dialysis Not listed	Death
Age (years, vs. ]0, 40]) (*)		
]40, 55]	0.60 [0.48, 0.74]	1.91 [1.35, 2.70]
]55, 60]	0.54 [0.41, 0.72]	3.96 [2.72, 5.76]
]60, 65]	0.58 [0.44, 0.77]	5.02 [3.46, 7.29]
]65, 70]	0.57 [0.42, 0.76]	6.69 [4.59, 9.73]
]70, 75]	0.60 [0.44, 0.83]	7.66 [5.21, 11.26]
]75, 80]		11.42 [7.66, 17.03]
>80	0.73 [0.52, 1.03]	14.70 [8.89, 24.30]
BMI (kg/m <sup>2</sup> , vs. ]18, 25])		
≤18	1.05 [0.78, 1.41]	2.14 [1.52, 3.00]
]25, 30]	1.07 [0.93, 1.23]	0.72 [0.61, 0.84]
]30, 35]	1.40 [1.17, 1.66]	0.91 [0.74, 1.11]
>35	1.64 [1.24, 2.18]	0.86 [0.60, 1.23]
Diabetes	1.00 [0.86, 1.15]	1.66 [1.43, 1.94]
Cardiovascular disease	1.28 [1.11, 1.47]	1.78 [1.54, 2.05]
Region (vs. A)		
B	0.84 [0.67, 1.06]	
C	0.73 [0.49, 1.08]	
D	0.86 [0.63, 1.18]	
E	0.65 [0.45, 0.92]	
F	0.99 [0.76, 1.28]	
G	1.23 [0.94, 1.60]	
H	1.24 [0.94, 1.64]	
I	1.04 [0.82, 1.33]	
J	1.70 [1.36, 2.11]	
K	0.87 [0.66, 1.15]	
L	1.07 [0.84, 1.36]	
Time since inclusion (years, vs. ]0, 1])		
]1, 2]		0.77 [0.64, 0.93]
]2, 3]		0.73 [0.59, 0.91]
]3, 5]		0.90 [0.71, 1.14]
>5		1.40 [0.97, 2.03]
Year of inclusion		1.05 [1.00, 1.10]
Included before first dialysis	0.75 [0.66, 0.85]	0.82 [0.70, 0.96]
Age of donor (years, vs. ]0, 40])		
]40, 55]	1.39 [1.11, 1.73]	
]55, 60]	1.66 [1.25, 2.21]	
]60, 65]	1.14 [1.00, 1.97]	
]65, 70]	1.65 [1.16, 2.34]	
]70, 75]	1.88 [1.29, 2.74]	
]75, 80]	2.37 [1.61, 3.50]	
>80	2.51 [1.68, 3.76]	
Type of donor (vs. brain death with expanded criteria)		
Brain death with standard criteria	0.67 [0.52, 0.87]	0.93 [0.74, 1.17]
Cardiac arrest	1.10 [0.80, 1.51]	0.85 [0.61, 1.19]
Alive	0.51 [0.40, 0.66]	0.52 [0.40, 0.68]

**Table S6.** Hazard ratios of the Cox models predicting transitions of kidney transplant recipients. (\*) Patient age was categorized so that at least 20 events were observed in every category.

Simulated characteristic	Model used	Explanatory variables
Region	Multinomial logistic model	Year of inclusion
Age	Ordinal logistic model	Year of inclusion, Region
Sex	Logistic model	Year of inclusion, Region, Age
BMI	Ordinal logistic model	Year of inclusion, Region, Age, Sex
Diabetes	Logistic model	Year of inclusion, Region, Age, Gender, Body mass index
Cardiovascular disease	Logistic model	Year of inclusion, Region, Age, Sex, Body mass index, Diabetes
Initial health state	Multinomial logistic model	Year of inclusion, Region, Age, Sex, Body mass index, Diabetes, Cardiovascular disease

**Table S7.** Models used to predict the characteristics of the incident patients in the REIN registry.

Simulated characteristic	Model used	Explanatory variables
Age of donor	Ordinal logistic model	Year of inclusion, Region, Age, Sex, Body mass index, Diabetes, Cardiovascular disease, History of transplantation, Time since inclusion
Type of donor	Multinomial logistic model	Year of inclusion, Region, Age, Sex, Body mass index, Diabetes, Cardiovascular disease, History of transplantation, Time since inclusion, Age of donor
ABO compatibility	Logistic model	Year of inclusion, Region, Age, Sex, Body mass index, Diabetes, Cardiovascular disease, History of transplantation, Time since inclusion, Age of donor, Type of donor

**Table S8.** Models used to predict the donor characteristics.

Mean ( $\pm$ standard deviation) Effective (%)	Included patients (N=76,980)	Excluded patients (N=15,652)
Age in years	67.2 $\pm$ 16.3	67.9 $\pm$ 16.5
Body mass index (kg/m <sup>2</sup> )		
$\leq$ 18	2,981 (3.9)	115 (6.0)
]18, 25]	31,123 (40.4)	842 (44.3)
]25, 30]	24,246 (31.5)	551 (29.0)
]30, 35]	11,991 (15.6)	257 (13.5)
>35	6,639 (8.6)	136 (7.2)
Male sex	49,722 (64.6)	9,860 (63.0)
Diabetes	32,857 (42.7)	6,499 (44.1)
Cardiovascular disease	41,348 (53.7)	6,903 (53.8)

**Table S9.** Description of the training cohort at the time of inclusion in the REIN registry according to data completeness (n=92,632).

Outcome	Moratorium duration	Population	Prognostic time (*)	Survival	Number of deaths	Number of additional deaths	RMST (years)	Decrease in RMST (months)	Patient life-year lost
Patient Survival	6 months	Active (N=8,350)	5 years	83.0 [82.2, 83.8]	1,418 [1,353, 1,483]	19 [-73, 108]	4.63 [4.61, 4.65]	-0.05 [-0.41, 0.29]	-34.8 [-285.3, 201.8]
			10 years	63.4 [62.5, 64.4]	3,056 [2,974, 3,129]	100 [-10, 205]	8.27 [8.21, 8.33]	0.39 [-0.58, 1.31]	271.4 [-403.6, 911.5]
		Inactive (N=10,862)	5 years	78.4 [77.5, 79.1]	2,348 [2,261, 2,443]	11 [-115, 146]	4.49 [4.47, 4.51]	-0.03 [-0.42, 0.36]	-20.9 [-292.3, 250.5]
			10 years	58.2 [57.3, 59.1]	4,545 [4,428, 4,660]	56 [-108, 219]	7.88 [7.82, 7.93]	0.16 [-0.84, 1.16]	144.8 [-760.3, 1,050.0]
		Incidents (N=16,355)	5 years	86.0 [85.5, 86.6]	2,285 [2,195, 2,377]	-6 [-130, 122]	4.69 [4.68, 4.70]	-0.04 [-0.26, 0.21]	-36.2 [-235.3, 190.1]
			10 years	68.0 [67.2, 68.7]	5,242 [5,103, 5,375]	47 [-144, 242]	8.53 [8.49, 8.57]	0.03 [-0.67, 0.74]	27.2 [-606.5, 669.8]
	9 months	Active (N=8,350)	5 years	83.0 [82.2, 83.7]	1,422 [1,358, 1,488]	23 [-61, 118]	4.63 [4.61, 4.65]	-0.08 [-0.42, 0.26]	-20.9 [-257.5, 222.7]
			10 years	63.0 [62.1, 63.9]	3,094 [3,012, 3,167]	135 [31, 257]	8.26 [8.20, 8.32]	0.51 [-0.33, 1.53]	111.3 [-508.0, 730.6]
		Inactive (N=10,862)	5 years	78.4 [77.6, 79.1]	2,349 [2,264, 2,436]	11 [-119, 136]	4.49 [4.47, 4.51]	-0.05 [-0.41, 0.30]	-27.2 [-330.4, 354.8]
			10 years	57.9 [57.1, 58.8]	4,569 [4,456, 4,685]	80 [-79, 244]	7.87 [7.82, 7.93]	0.21 [-0.74, 1.11]	63.4 [-769.4, 959.5]
		Incidents (N=16,355)	5 years	86.1 [85.5, 86.6]	2,280 [2,193, 2,375]	-11 [-133, 113]	4.69 [4.68, 4.71]	-0.06 [-0.28, 0.18]	-81.8 [-381.6, 160.8]
			10 years	67.8 [67.1, 68.6]	5,261 [5,126, 5,397]	66 [-121, 251]	8.53 [8.49, 8.57]	0.03 [-0.61, 0.70]	40.9 [-831.4, 954.0]
Outcome	Moratorium duration	Population	Prognostic time (*)	Cumulative probability of KT	Number of KTs	Number of KT losses	RMWL (years)	Increase in RMWL (months)	Waitlist-year gain
KT activity	6 months	Active (N=8,350)	5 years	55.8 [54.7, 56.8]	4,658 [4,571, 4,746]	772 [653, 891]	3.15 [3.12, 3.19]	6.57 [5.95, 7.18]	4,571.6 [4,140.2, 4,996.1]
			10 years	69.6 [68.7, 70.6]	5,814 [5,737, 5,891]	520 [415, 625]	4.16 [4.10, 4.22]	9.34 [8.21, 10.42]	6,499.1 [5,712.8, 7,250.6]
		Inactive (N=10,862)	5 years	58.0 [57.1, 58.9]	6,368 [6,242, 6,493]	501 [335, 678]	2.75 [2.71, 2.78]	2.81 [2.24, 3.39]	2,543.5 [2,027.6, 3,068.5]
			10 years	68.6 [67.8, 69.5]	7,535 [7,411, 7,658]	365 [183, 542]	3.65 [3.59, 3.70]	4.17 [3.21, 5.20]	3,774.5 [2,905.6, 4,706.9]
		Incidents (N=16,355)	5 years	62.3 [61.6, 63.0]	10,260 [10,073, 10,429]	514 [281, 754]	2.78 [2.75, 2.81]	1.78 [1.31, 2.26]	2,426.0 [1,785.4, 3,080.2]
			10 years	75.2 [74.6, 75.8]	12,378 [12,184, 12,563]	342 [79, 609]	3.69 [3.65, 3.74]	2.86 [2.10, 3.67]	3,897.9 [2,862.1, 5,001.9]
	9 months	Active (N=8,350)	5 years	51.8 [50.8, 52.8]	4,326 [4,239, 4,410]	1,103 [997, 1,219]	3.36 [3.33, 3.39]	9.02 [8.40, 9.62]	6,267.4 [5,845.0, 6,693.9]
			10 years	66.9 [65.9, 67.9]	5,586 [5,503, 5,671]	747 [635, 852]	4.47 [4.41, 4.53]	13.09 [11.99, 14.19]	9,108.5 [8,343.0, 9,873.9]
		Inactive (N=10,862)	5 years	55.6 [54.6, 56.4]	6,092 [5,967, 6,220]	777 [602, 946]	2.87 [2.84, 2.91]	4.31 [3.78, 4.85]	3,901.3 [3,421.5, 4,390.1]
			10 years	66.8 [66.0, 67.7]	7,339 [7,196, 7,471]	568 [386, 751]	3.84 [3.78, 3.89]	6.44 [5.50, 7.37]	5,829.3 [4,978.4, 6,671.1]
		Incidents (N=16,355)	5 years	60.6 [59.9, 61.3]	9,975 [9,797, 10,159]	799 [531, 1,061]	2.86 [2.83, 2.89]	2.70 [2.20, 3.20]	3,679.9 [2,998.4, 4,361.3]
			10 years	74.0 [73.3, 74.7]	12,183 [11,985, 12,373]	537 [255, 803]	3.82 [3.77, 3.87]	4.39 [3.58, 5.21]	5,983.2 [4,879.2, 7,100.8]

**Table S10.** Impact of 6 and 9-month KT moratoriums on the three studied populations of active candidates for KT transplantation: active on the waiting list on March 16, 2020; inactive or not registered on the waiting list on March 16, 2020, but who will become active before March 16, 2025; and incident patients after March 16, 2020, who will become active candidates for KT before March 16, 2025. Abbreviations: KT = kidney transplantation, RMST = restricted mean survival time, RMWL = restricted mean survival time on the waiting list, [a, b] = 95% confidence interval from a to b. (\*) Time from the beginning of the KT moratorium for patients active on the list at this time, or from the registration on the active list for the other two populations (not active or incident patients).



Outcome	Moratorium Duration	Population	Prognostic time (*)	Survival	Number of deaths	Number of additional deaths	RMST (years)	Decrease in RMST (months)	Patient life-year lost
Patient Survival	12 months	Active (N=8,350)	5 years	82.9 [82.1, 83.6]	1,428 [1,370, 1,492]	29 [-57, 111]	4.63 [4.61, 4.65]	-0.09 [-0.40, 0.24]	-62.6 [-278.3, 167.0]
			10 years	62.6 [61.7, 63.5]	3,124 [3,045, 3,201]	169 [52, 272]	8.25 [8.19, 8.30]	0.639 [-0.24, 1.50]	438.4 [-167.0, 1,043.8]
		Inactive (N=10,862)	5 years	78.3 [77.6, 79.1]	2,357 [2,274, 2,438]	19 [-107, 143]	4.49 [4.47, 4.51]	-0.06 [-0.42, 0.30]	-54.3 [-380.2, 271.6]
	10 years		57.6 [56.7, 58.5]	4,604 [4,480, 4,717]	115 [-64, 275]	7.86 [7.81, 7.92]	0.32 [-0.61, 1.24]	289.7 [-552.2, 1,122.4]	
	Incidents (N=16,355)	5 years	86.1 [85.5, 86.6]	2,277 [2,185, 2,369]	-14 [-144, 107]	4.69 [4.68, 4.71]	-0.08 [-0.32, 0.15]	-109.0 [-436.1, 204.4]	
		10 years	67.7 [67.0, 68.4]	5,285 [5,162, 5,416]	89 [-93, 268]	8.53 [8.49, 8.57]	0.05 [-0.60, 0.69]	68.1 [-817.8, 940.4]	
	18 months	Active (N=8,350)	5 years	82.9 [82.0, 83.7]	1,430 [1,364, 1,501]	32 [-52, 122]	4.63 [4.61, 4.66]	-0.14 [-0.46, 0.21]	-97.4 [-320.1, 146.1]
			10 years	61.9 [60.9, 62.8]	3,184 [3,110, 3,262]	228 [113, 333]	8.24 [8.18, 8.29]	0.80 [-0.07, 1.67]	556.7 [-48.7, 1,162.0]
		Inactive (N=10,862)	5 years	78.3 [77.6, 79.0]	2,362 [2,272, 2,442]	24 [-93, 151]	4.50 [4.48, 4.52]	-0.11 [-0.48, 0.22]	-99.6 [-434.5, 199.1]
	10 years		57.1 [56.1, 58.0]	4,663 [4,551, 4,780]	175 [21, 359]	7.85 [7.80, 7.91]	0.46 [-0.49, 1.39]	416.4 [-443.5, 1,258.2]	
	Incidents (N=16,355)	5 years	86.1 [85.6, 86.6]	2,269 [2,184, 2,363]	-22 [-146, 103]	4.70 [4.68, 4.71]	-0.12 [-0.37, 0.11]	-163.6 [-504.3, 149.9]	
		10 years	67.4 [66.7, 68.1]	5,330 [5,193, 5,460]	135 [-52, 332]	8.53 [8.48, 8.56]	0.07 [-0.59, 0.69]	95.4 [-804.1, 940.4]	
24 months	Active (N=8,350)	5 years	82.9 [82.1, 83.7]	1,427 [1,364, 1,492]	28 [-61, 117]	4.64 [4.62, 4.66]	-0.19 [-0.50, 0.14]	-132.2 [-347.9, 97.4]	
		10 years	61.4 [60.4, 62.3]	3,224 [3,152, 3,304]	269 [162, 377]	8.23 [8.18, 8.28]	0.87 [-0.02, 1.77]	605.4 [-13.9, 1,231.6]	
	Inactive (N=10,862)	5 years	78.2 [77.4, 79.0]	2,366 [2,272, 2,460]	28 [-107, 161]	4.50 [4.48, 4.52]	-0.19 [-0.50, 0.14]	-172.0 [-425.6, 126.7]	
10 years		56.5 [55.7, 57.4]	4,720 [4,601, 4,841]	231 [64, 395]	7.84 [7.79, 7.90]	0.58 [-0.40, 1.54]	525.0 [-362.1, 1,394.0]		
Incidents (N=16,355)	5 years	86.2 [85.6, 86.7]	2,262 [2,173, 2,356]	-29 [-153, 99]	4.70 [4.69, 4.71]	-0.17 [-0.38, 0.06]	-231.7 [-517.9, 81.8]		
	10 years	67.1 [66.4, 67.7]	5,384 [5,249, 5,519]	189 [10, 367]	8.53 [8.48, 8.57]	0.10 [-0.54, 0.78]	136.3 [-736.0, 1,063.1]		
Outcome	Moratorium Duration	Population	Prognostic time (*)	Cumulative probability of KT	Number of KTs	Number of KT losses	RMWL (years)	Increase in RMWL (months)	Waitlist-year gain
KT activity	12 months	Active (N=8,350)	5 years	47.8 [46.8, 48.8]	3,993 [3,905, 4,075]	1,436 [1,321, 1,555]	3.55 [3.52, 3.58]	11.28 [10.70, 11.89]	7,849.0 [7,445.4, 8,273.5]
			10 years	64.2 [63.2, 65.2]	5,362 [5,281, 5,442]	971 [859, 1,088]	4.77 [4.70, 4.83]	16.65 [15.55, 17.75]	11,585.6 [10,820.2, 12,351.0]
		Inactive (N=10,862)	5 years	53.0 [52.1, 53.9]	5,804 [5,684, 5,932]	1,066 [885, 1,239]	3.00 [2.97, 3.04]	5.89 [5.36, 6.43]	5,331.4 [4,851.7, 5,820.2]
	10 years		65.0 [64.1, 65.8]	7,119 [6,995, 7,249]	782 [597, 961]	4.04 [3.98, 4.10]	8.83 [7.90, 9.82]	7,992.6 [7,150.8, 8,888.7]	
	Incidents (N=16,355)	5 years	59.0 [58.2, 59.7]	9,712 [9,547, 9,887]	1,062 [813, 1,307]	2.93 [2.90, 2.96]	3.61 [3.14, 4.12]	4,920.1 [4,279.6, 5,615.2]	
		10 years	72.9 [72.3, 73.6]	12,002 [11,812, 12,195]	718 [440, 991]	3.94 [3.90, 3.99]	5.88 [5.06, 6.72]	8,014.0 [6,896.4, 9,158.8]	
	18 months	Active (N=8,350)	5 years	40.1 [39.2, 41.2]	3,352 [3,270, 3,444]	2,078 [1,967, 2,194]	3.87 [3.84, 3.90]	15.10 [14.60, 15.68]	10,507.1 [10,159.2, 10,910.7]
			10 years	59.0 [57.9, 60.0]	4,922 [4,837, 5,006]	1,411 [1,302, 1,522]	5.31 [5.24, 5.37]	23.16 [22.11, 24.21]	16,115.5 [15,384.9, 16,846.1]
		Inactive (N=10,862)	5 years	47.5 [46.5, 48.3]	5,187 [5,061, 5,303]	1,683 [1,519, 1,853]	3.27 [3.24, 3.29]	9.04 [8.50, 9.58]	8,182.7 [7,693.9, 8,671.5]
	10 years		61.0 [60.1, 61.8]	6,665 [6,550, 6,788]	1,236 [1,055, 1,414]	4.44 [4.39, 4.51]	13.74 [12.81, 14.68]	12,437.0 [11,595.2, 13,287.8]	
	Incidents (N=16,355)	5 years	55.4 [54.7, 56.2]	9,109 [8,933, 9,283]	1,665 [1,419, 1,912]	3.10 [3.07, 3.13]	5.61 [5.13, 6.07]	7,646.0 [6,991.8, 8,272.9]	
		10 years	70.4 [69.7, 71.2]	11,577 [11,385, 11,768]	1,143 [856, 1,414]	4.22 [4.17, 4.27]	9.20 [8.37, 10.01]	12,538.8 [11,407.6, 13,642.8]	
24 months	Active (N=8,350)	5 years	33.0 [32.1, 34.0]	2,757 [2,679, 2,839]	2,672 [2,547, 2,785]	4.11 [4.08, 4.13]	18.02 [17.50, 18.53]	12,538.9 [12,177.1, 12,893.8]	
		10 years	54.0 [53.0, 55.1]	4,509 [4,424, 4,599]	1,824 [1,713, 1,931]	5.77 [5.71, 5.83]	28.69 [27.67, 29.79]	19,963.5 [19,253.7, 20,728.9]	
	Inactive (N=10,862)	5 years	41.9 [40.9, 42.8]	4,569 [4,455, 4,686]	2,300 [2,122, 2,466]	3.50 [3.47, 3.53]	11.90 [11.35, 12.43]	10,771.5 [10,273.6, 11,251.2]	
10 years		56.9 [55.9, 57.8]	6,203 [6,071, 6,326]	1,698 [1,522, 1,878]	4.84 [4.78, 4.90]	18.46 [17.47, 19.45]	16,709.4 [15,813.3, 17,605.5]		
Incidents (N=16,355)	5 years	51.6 [50.8, 52.3]	8,472 [8,307, 8,635]	2,303 [2,055, 2,550]	3.27 [3.24, 3.30]	7.70 [7.22, 8.20]	10,494.5 [9,840.3, 11,175.9]		
	10 years	67.8 [67.0, 68.5]	11,128 [10,959, 11,312]	1,592 [1,318, 1,870]	4.52 [4.46, 4.57]	12.75 [11.89, 13.62]	17,377.2 [16,205.1, 18,562.9]		

**Table S11.** Impact of 12, 18 and 24-month KT moratoriums on the three studied populations: active on the list on March 16, 2020; inactive or not registered on the list on March 16, 2020, but who will become active before March 16, 2025; and incident patients after March 16, 2020, who will become active candidates for KT before March 16, 2025. Abbreviations: KT = kidney transplantation, RMST = restricted mean survival time, RMWL = restricted mean survival time on the waiting list, [ ] = 95% confidence interval. (\*) Time from the beginning of the KT moratorium for patients active on the list at this time, or from the registration on the active list for the other two populations.

Outcome	Moratorium duration	Population	Age (*)	Survival	Number of deaths	Number of additional deaths	RMST (years)	Decrease in RMST (months)	Patient life-year lost
Mortality	0 month	Active (N=8,350)	≤60	79.5 [78.4, 80.7]	866 [817, 914]	-	9.05 [8.98, 9.11]	-	-
			>60	49.3 [47.9, 50.7]	2,090 [2,033, 2,147]	-	7.54 [7.45, 7.63]	-	-
		Not active (N=10,862)	≤60	76.4 [75.3, 77.5]	1,258 [1,193, 1,321]	-	8.86 [8.80, 8.93]	-	-
			>60	41.6 [40.5, 43.0]	3,232 [3,134, 3,326]	-	6.95 [6.88, 7.04]	-	-
		Incidents (N=16,355)	≤60	81.7 [81.0, 82.5]	1,727 [1,646, 1,803]	-	9.19 [9.15, 9.23]	-	-
			>60	49.9 [48.8, 51.1]	3,469 [3,359, 3,590]	-	7.64 [7.57, 7.71]	-	-
	2.5 months (observed in France)	Active (N=8,350)	≤60	78.9 [77.8, 80.0]	890 [844, 938]	24 [-46, 97]	9.02 [8.96, 9.09]	0.30 [-0.79, 1.41]	104.2 [-277.3, 496.0]
			>60	48.9 [47.5, 50.4]	2,107 [2,046, 2,164]	17 [-63, 101]	7.54 [7.45, 7.62]	0.01 [-1.39, 1.43]	4.0 [-477.7, 490.0]
		Not active (N=10,862)	≤60	76.2 [75.1, 77.3]	1,268 [1,203, 1,332]	10 [-83, 104]	8.85 [8.79, 8.92]	0.10 [-0.96, 1.21]	44.7 [-425.7, 535.8]
>60			41.5 [40.3, 42.7]	3,239 [3,148, 3,329]	7 [-123, 135]	6.95 [6.86, 7.03]	0.03 [-1.35, 1.53]	14.7 [-624.4, 707.5]	
Incidents (N=16,355)		≤60	81.5 [80.7, 82.3]	1,740 [1,661, 1,819]	13 [-101, 125]	9.19 [9.14, 9.23]	0.05 [-0.64, 0.73]	37.6 [-505.7, 575.8]	
		>60	49.8 [48.6, 51.0]	3,478 [3,368, 3,597]	9 [-155, 163]	7.64 [7.58, 7.71]	-0.01 [-1.16, 1.17]	-3.0 [-672.9, 676.7]	
Outcome	Moratorium duration	Population	Age (*)	Cumulative probability of KT	Number of KTs	Number of KT losses	RMWL (years)	Increase in RMWL (months)	Waitlist-year gain
KT activity	0 month	Active (N=8,350)	≤60	80.4 [79.3, 81.6]	3,399 [3,351, 3,449]	-	3.33 [3.23, 3.43]	-	-
			>60	71.2 [69.8, 72.4]	2,934 [2,880, 2,988]	-	3.43 [3.34, 3.52]	-	-
		Not active (N=10,862)	≤60	76.4 [75.3, 77.4]	4,137 [4,057, 4,226]	-	3.42 [3.34, 3.50]	-	-
			>60	67.4 [66.2, 68.5]	3,764 [3,669, 3,863]	-	3.18 [3.11, 3.26]	-	-
		Incidents (N=16,355)	≤60	82.3 [81.6, 83.0]	7,833 [7,678, 7,996]	-	3.30 [3.24, 3.36]	-	-
			>60	70.2 [69.0, 71.2]	4,888 [4,762, 5,026]	-	3.66 [3.59, 3.74]	-	-
	2.5 months (observed in France)	Active (N=8,350)	≤60	78.1 [76.8, 79.2]	3,299 [3,247, 3,345]	100 [31, 172]	3.69 [3.59, 3.78]	4.31 [2.58, 5.91]	1,518.3 [908.4, 2,825]
			>60	68.4 [67.1, 69.7]	2,821 [2,767, 2,873]	113 [37, 189]	3.73 [3.65, 3.82]	3.60 [2.13, 5.07]	1,237.4 [730.5, 1,742.7]
		Not active (N=10,862)	≤60	75.3 [74.2, 76.4]	4,073 [3,980, 4,161]	64 [-51, 188]	3.55 [3.47, 3.64]	1.60 [0.23, 3.03]	711.2 [100.4, 1,343.2]
>60			66.3 [65.1, 67.6]	3,698 [3,599, 3,794]	66 [-66, 198]	3.29 [3.20, 3.37]	1.23 [-0.14, 2.53]	565.6 [-64.0, 1,167.5]	
Incidents (N=16,355)		≤60	81.6 [80.8, 82.3]	7,756 [7,599, 7,910]	76 [-154, 301]	3.40 [3.34, 3.47]	1.19 [0.18, 2.28]	932.3 [141.8, 1,790.5]	
		>60	69.3 [68.2, 70.3]	4,826 [4,700, 4,958]	62 [-127, 257]	3.74 [3.67, 3.82]	1.00 [-0.33, 2.28]	577.7 [-188.6, 1,315.5]	

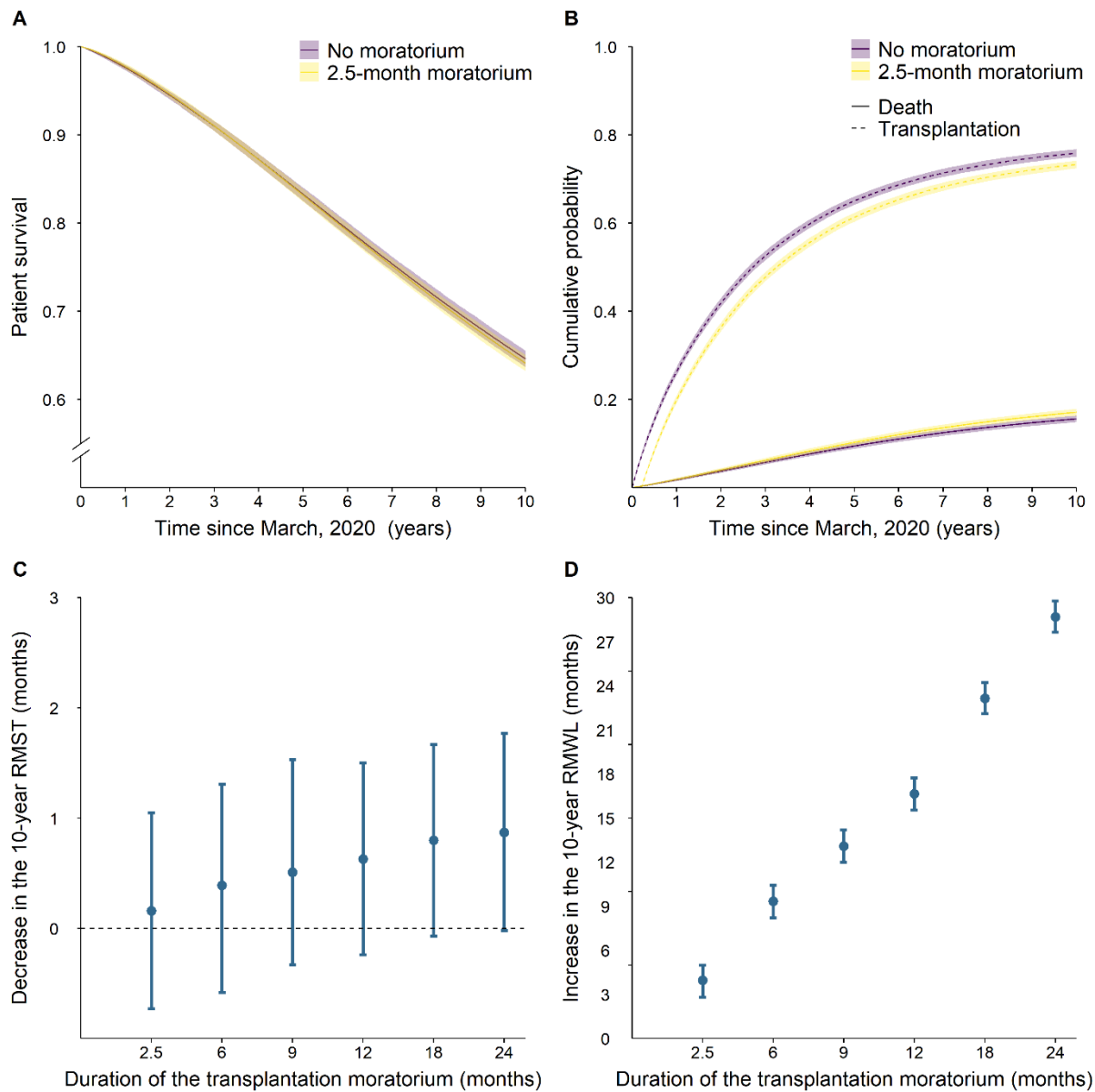
**Table S12.** Impact of the 2.5-month KT moratorium at a 10-year horizon on the three studied populations of candidates for KT transplantation: active on the waiting list on March 16, 2020; inactive or not registered on the waiting list on March 16, 2020, but who will become active before March 16, 2025; and incident patients after March 16, 2020, who will become active candidates for KT before March 16, 2025. Abbreviations: KT = kidney transplantation, RMST = restricted mean survival time, RMWL = restricted mean survival time on the waiting list, [a, b] = 95% confidence interval from a to b. (\*) Age at the beginning of the KT moratorium for patients active on the list at this time, or at the registration on the active list for the other two populations.

Outcome	Moratorium duration	Population	Age (*)	Patient survival	Number of deaths	Number of additional deaths	RMST (years)	Decrease in RMST (months)	Patient life-year lost
Mortality	6 month	Active (N=8,350)	≤60	78.1 [76.9, 79.2]	924 [879, 975]	58 [-15, 127]	8.99 [8.92, 9.06]	0.67 [-0.41, 1.76]	236.4 [-143.4, 621.2]
			>60	48.3 [46.9, 49.8]	2,132 [2,070, 2,190]	42 [-44, 124]	7.53 [7.45, 7.63]	0.09 [-1.37, 1.47]	32.4 [-469.7, 506.2]
		Not active (N=10,862)	≤60	75.7 [74.6, 76.8]	1,292 [1,232, 1,356]	34 [-57, 126]	8.84 [8.77, 8.90]	0.31 [-0.81, 1.44]	139.0 [-361.4, 640.6]
			>60	41.3 [40.0, 42.7]	3,254 [3,156, 3,349]	22 [-119, 159]	6.95 [6.86, 7.04]	0.01 [-1.51, 1.63]	4.1 [-696.7, 750.0]
		Incidents (N=16,355)	≤60	81.3 [80.5, 82.2]	1,758 [1,677, 1,838]	31 [-79, 145]	9.18 [9.14, 9.22]	0.11 [-0.60, 0.82]	89.5 [-467.5, 647.2]
			>60	49.7 [48.5, 50.9]	3,485 [3,371, 3,600]	16 [-137, 167]	7.65 [7.58, 7.72]	-0.08 [-1.30, 1.03]	-46.5 [-748.5, 597.5]
	9 months (observed in France)	Active (N=8,350)	≤60	77.6 [76.3, 78.8]	946 [894, 1,000]	80 [11, 150]	8.97 [8.90, 9.04]	0.91 [-0.17, 2.07]	319.6 [-60.3, 727.5]
			>60	48.0 [46.6, 49.5]	2,145 [2,084, 2,204]	55 [-27, 139]	7.53 [7.45, 7.62]	0.10 [-1.32, 1.62]	33.3 [-454.8, 558.4]
		Not active (N=10,862)	≤60	75.4 [74.3, 76.6]	1,310 [1,244, 1,375]	52 [-41, 143]	8.82 [8.75, 8.89]	0.47 [-0.57, 1.57]	208.2 [-254.4, 695.2]
Incidents (N=16,355)	>60	41.1 [39.8, 42.3]	3,260 [3,169, 3,360]	28 [-99, 164]	6.95 [6.88, 7.03]	-0.03 [-1.41, 1.48]	-15.3 [-648.7, 683.3]		
	≤60	81.2 [80.3, 82.0]	1,773 [1,694, 1,856]	46 [-65, 161]	9.18 [9.13, 9.22]	0.16 [-0.55, 0.84]	125.7 [-432.8, 661.6]		
>60	49.6 [48.5, 50.8]	3,489 [3,383, 3,598]	20 [-144, 177]	7.65 [7.59, 7.72]	-0.14 [-1.27, 1.04]	-83.2 [-731.6, 603.6]			
Outcome	Moratorium duration	Population	Age (*)	Cumulative probability of KT	Number of KTs	Number of KT losses	RMWL (years)	Increase in RMWL (months)	Waitlist-year gain
KT activity	6 month	Active (N=8,350)	≤60	74.6 [73.4, 75.9]	3,154 [3,101, 3,208]	245 [173, 318]	4.18 [4.09, 4.27]	10.22 [8.62, 11.77]	3,599.9 [3,034.6, 4,145.0]
			>60	64.5 [63.1, 65.9]	2,660 [2,603, 2,719]	275 [196, 350]	4.13 [4.05, 4.22]	8.44 [7.04, 9.98]	2,901.9 [2,421.1, 3,430.3]
		Not active (N=10,862)	≤60	73.4 [72.2, 74.5]	3,962 [3,876, 4,049]	175 [56, 297]	3.81 [3.72, 3.90]	4.70 [3.30, 6.15]	2,083.8 [1,466.2, 2,727.6]
			>60	64.0 [62.8, 65.4]	3,574 [3,484, 3,665]	190 [62, 320]	3.49 [3.41, 3.57]	3.66 [2.37, 5.00]	1,687.6 [1,093.6, 2,308.4]
		Incidents (N=16,355)	≤60	80.4 [79.7, 81.2]	7,645 [7,481, 7,803]	187 [-11, 407]	3.56 [3.49, 3.62]	3.08 [1.97, 4.08]	2,414.8 [1,546.6, 3,207.2]
			>60	68.0 [66.9, 68.9]	4,733 [4,600, 4,858]	155 [-28, 339]	3.88 [3.80, 3.95]	2.57 [1.30, 3.84]	1,482.0 [749.3, 2,220.7]
	9 months (observed in France)	Active (N=8,350)	≤60	72.0 [70.8, 73.3]	3,043 [2,990, 3,096]	357 [285, 429]	4.52 [4.44, 4.62]	14.37 [12.77, 15.86]	5,061.8 [4,498.1, 5,583.8]
			>60	61.7 [60.4, 63.1]	2,544 [2,491, 2,604]	390 [312, 464]	4.41 [4.32, 4.50]	11.78 [10.35, 13.43]	4,047.0 [3,556.0, 4,613.9]
		Not active (N=10,862)	≤60	71.7 [70.5, 72.8]	3,867 [3,768, 3,956]	270 [152, 399]	4.02 [3.94, 4.11]	7.26 [5.92, 8.62]	3,220.5 [2,626.6, 3,823.1]
Incidents (N=16,355)	>60	62.2 [60.9, 63.5]	3,466 [3,369, 3,564]	298 [159, 431]	3.66 [3.58, 3.74]	5.65 [4.36, 6.94]	2,608.9 [2,010.0, 3,200.9]		
	≤60	79.4 [78.6, 80.1]	7,537 [7,378, 7,705]	295 [71, 544]	3.70 [3.63, 3.77]	4.76 [3.66, 5.87]	3,740.2 [2,870.8, 4,608.5]		
>60	66.8 [65.6, 67.8]	4,646 [4,514, 4,778]	242 [59, 422]	3.99 [3.91, 4.06]	3.89 [2.62, 5.03]	2,244.7 [1,513.8, 2,904.5]			

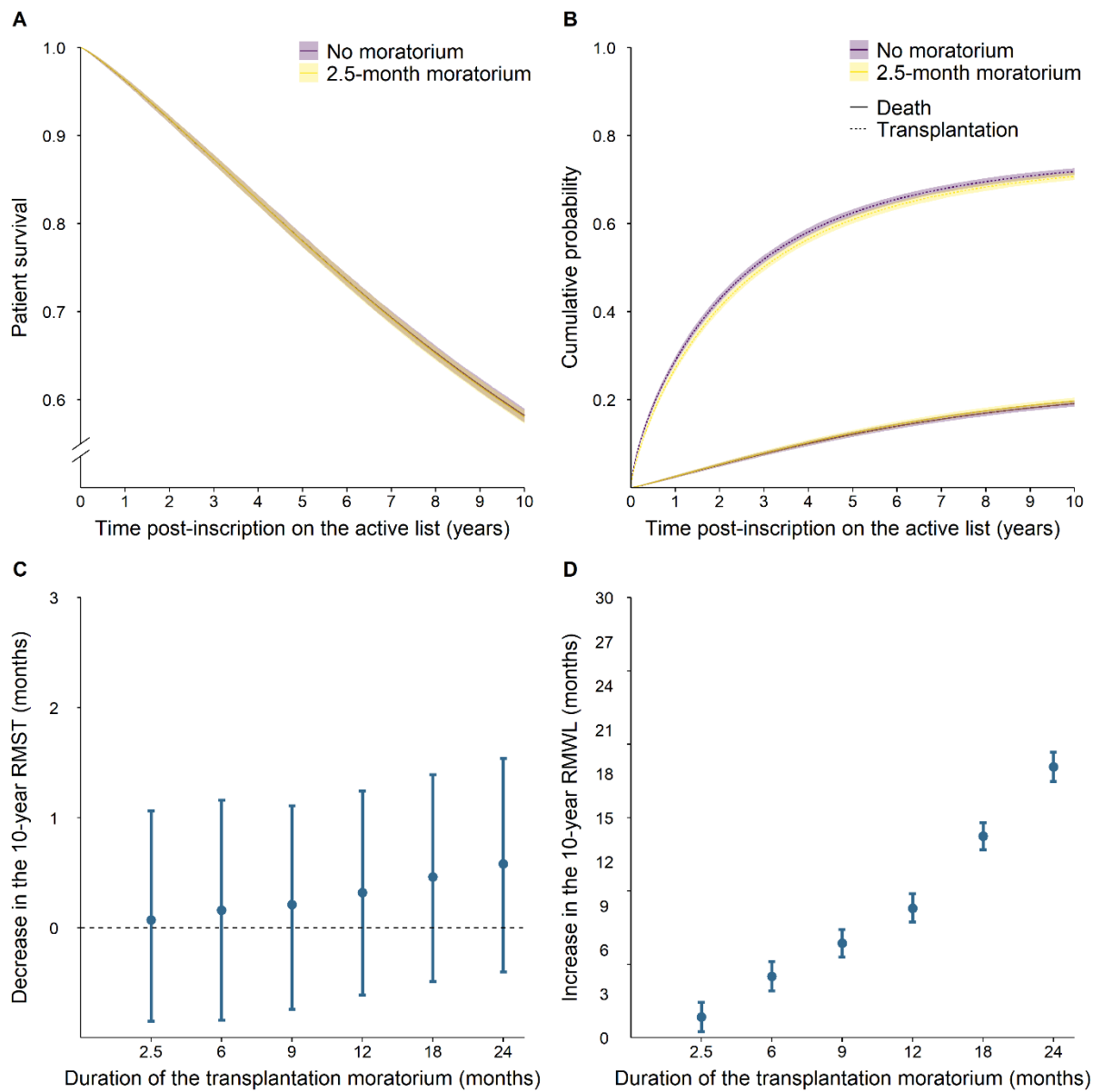
**Table S13.** Impact of the 6 and 9-month KT moratorium at a 10-year horizon on the three studied populations of candidates for KT transplantation: active on the waiting list on March 16, 2020; inactive or not registered on the waiting list on March 16, 2020, but who will become active before March 16, 2025; and incident patients after March 16, 2020, who will become active candidates for KT before March 16, 2025. Abbreviations: KT = kidney transplantation, RMST = restricted mean survival time, RMWL = restricted mean survival time on the waiting list, [a, b] = 95% confidence interval from a to b. (\*) Age at the beginning of the KT moratorium for patients active on the list at this time, or at the registration on the active list for the other two populations.

Outcome	Moratorium Duration	Population	Age (*)	Survival	Number of deaths	Number of additional deaths	RMST (years)	Decrease in RMST (months)	Patient life-year lost
Patient Survival	12 months	Active (N=8,350)	≤60	77.2 [76.0, 78.3]	964 [915, 1,014]	99 [27, 168]	8.96 [8.89, 9.02]	1.10 [-0.02, 2.25]	387.6 [-6.0, 791.8]
			>60	47.6 [46.1, 49.0]	2,160 [2,103, 2,222]	70 [-15, 149]	7.53 [7.44, 7.61]	0.15 [-1.21, 1.60]	50.5 [-416.1, 548.5]
		Inactive (N=10,862)	≤60	75.0 [73.9, 76.2]	1,329 [1,261, 1,395]	72 [-20, 166]	8.81 [8.75, 8.87]	0.66 [-0.40, 1.82]	293.0 [-177.7, 806.9]
			>60	40.9 [39.7, 42.1]	3,275 [3,178, 3,371]	43 [-92, 178]	6.95 [6.87, 7.03]	-0.02 [-1.34, 1.44]	-11.0 [-618.2, 666.2]
		Incidents (N=16,355)	≤60	81.0 [80.3, 81.8]	1,787 [1,713, 1,865]	60 [-50, 172]	9.17 [9.13, 9.21]	0.21 [-0.51, 0.87]	162.9 [-397.0, 683.9]
			>60	49.5 [48.3, 50.8]	3,498 [3,381, 3,613]	29 [-141, 183]	7.66 [7.58, 7.73]	-0.17 [-1.37, 0.94]	-98.0 [-788.6, 545.4]
	18 months	Active (N=8,350)	≤60	76.2 [75.0, 77.4]	1,004 [953, 1,055]	138 [68, 209]	8.92 [8.85, 8.99]	1.51 [0.41, 2.59]	532.8 [145.5, 912.6]
			>60	47.1 [45.6, 48.5]	2,180 [2,123, 2,242]	90 [8, 171]	7.54 [7.44, 7.63]	0.06 [-1.37, 1.57]	20.6 [-471.4, 540.6]
		Inactive (N=10,862)	≤60	74.2 [73.0, 75.4]	1,371 [1,303, 1,442]	113 [19, 207]	8.78 [8.71, 8.85]	1.01 [-0.11, 2.14]	449.3 [-46.8, 949.4]
			>60	40.5 [39.2, 41.8]	3,293 [3,197, 3,395]	61 [-67, 198]	6.96 [6.88, 7.04]	-0.08 [-1.47, 1.30]	-37.1 [-676.5, 599.5]
		Incidents (N=16,355)	≤60	80.7 [79.8, 81.5]	1,823 [1,735, 1,914]	96 [-21, 233]	9.16 [9.12, 9.20]	0.33 [-0.39, 1.09]	261.0 [-307.3, 855.6]
			>60	49.4 [48.2, 50.5]	3,508 [3,391, 3,620]	39 [-119, 190]	7.67 [7.59, 7.73]	-0.28 [-1.43, 0.90]	-162.1 [-825.7, 522.7]
24 months	Active (N=8,350)	≤60	75.5 [74.3, 76.7]	1,034 [985, 1,088]	168 [97, 243]	8.90 [8.83, 8.97]	1.78 [0.62, 2.88]	627.3 [219.0, 1,013.9]	
		>60	46.9 [75.4, 48.2]	2,191 [2,136, 2,253]	101 [22, 180]	7.55 [7.46, 7.63]	-0.06 [-1.40, 1.34]	-20.9 [-481.1, 461.0]	
	Inactive (N=10,862)	≤60	73.5 [72.4, 74.7]	1,409 [1,341, 1,474]	151 [63, 242]	8.75 [8.69, 8.82]	1.33 [0.20, 2.45]	590.7 [90.6, 1,087.0]	
		>60	40.2 [38.8, 41.6]	3,312 [3,210, 3,412]	80 [-54, 218]	6.96 [6.88, 7.05]	-0.14 [-1.56, 1.37]	-65.3 [-721.7, 633.9]	
	Incidents (N=16,355)	≤60	80.2 [79.5, 81.0]	1,861 [1,779, 1,936]	134 [19, 246]	9.15 [9.11, 9.19]	0.46 [-0.28, 1.18]	364.3 [-219.5, 930.1]	
		>60	49.2 [48.0, 50.3]	3,524 [3,415, 3,635]	55 [-98, 207]	7.68 [7.60, 7.74]	-0.41 [-1.52, 0.80]	-236.8 [-876.2, 462.9]	
Outcome	Moratorium Duration	Population	Age (*)	Cumulative probability of KT	Number of KTs	Number of KT losses	RMWL (years)	Increase in RMWL (months)	Waitlist-year gain
KT activity	12 months	Active (N=8,350)	≤60	69.4 [68.1, 70.7]	2,932 [2,879, 2,989]	467 [389, 541]	4.86 [4.77, 4.94]	18.38 [16.71, 19.92]	6,472.5 [5,885.9, 7,016.6]
			>60	58.9 [57.5, 60.3]	2,430 [2,370, 2,488]	504 [419, 589]	4.67 [4.58, 4.75]	14.89 [13.37, 16.38]	5,116.0 [4,596.5, 5,628.6]
		Inactive (N=10,862)	≤60	69.8 [68.6, 71.0]	3,760 [3,671, 3,846]	377 [266, 502]	4.25 [4.16, 4.34]	9.98 [8.64, 11.39]	4,426.3 [3,833.8, 5,054.3]
			>60	60.3 [59.1, 61.5]	3,359 [3,264, 3,454]	405 [272, 542]	3.83 [3.76, 3.91]	7.72 [6.50, 9.05]	3,564.3 [3,001.3, 4,175.7]
		Incidents (N=16,355)	≤60	78.3 [77.5, 79.1]	7,436 [7,276, 7,589]	396 [179, 632]	3.84 [3.77, 3.91]	6.42 [5.25, 7.63]	5,040.0 [4,121.9, 5,992.8]
			>60	65.6 [64.6, 66.7]	4,566 [4,450, 4,694]	322 [144, 496]	4.09 [4.02, 4.16]	5.15 [3.86, 6.50]	2,974.5 [2,229.8, 3,754.2]
	18 months	Active (N=8,350)	≤60	64.0 [62.6, 65.5]	2,706 [2,647, 2,767]	693 [618, 768]	5.47 [5.37, 5.56]	25.70 [24.19, 27.32]	9,050.3 [8,520.2, 9,619.6]
			>60	53.7 [52.2, 55.2]	2,216 [2,151, 2,276]	718 [643, 806]	5.14 [5.06, 5.23]	20.56 [19.10, 22.10]	7,064.8 [6,562.7, 7,594.6]
		Inactive (N=10,862)	≤60	65.9 [64.7, 67.1]	3,540 [3,452, 3,627]	597 [474, 724]	4.71 [4.62, 4.80]	15.53 [14.18, 16.85]	6,889.8 [6,289.1, 7,477.4]
			>60	56.2 [55.0, 57.5]	3,124 [3,028, 3,220]	639 [502, 778]	4.19 [4.12, 4.26]	12.01 [10.73, 13.36]	5,541.6 [4,953.0, 6,167.7]
		Incidents (N=16,355)	≤60	75.9 [75.0, 76.7]	7,197 [7,039, 7,360]	636 [425, 859]	4.14 [4.08, 4.21]	10.09 [8.99, 11.18]	7,925.6 [7,061.5, 8,781.5]
			>60	63.0 [61.8, 64.1]	4,381 [4,246, 4,507]	507 [315, 705]	4.33 [4.25, 4.41]	7.98 [6.76, 9.28]	4,609.7 [3,904.1, 5,359.0]
24 months	Active (N=8,350)	≤60	59.0 [57.5, 60.4]	2,491 [2,430, 2,553]	908 [832, 989]	5.99 [5.90, 6.07]	31.99 [30.49, 33.55]	11,266.9 [10,736.6, 11,813.6]	
		>60	49.0 [47.4, 50.4]	2,019 [1,957, 2,077]	916 [838, 994]	5.54 [5.45, 5.62]	25.31 [23.91, 26.76]	8,697.4 [8,216.3, 9,197.7]	
	Inactive (N=10,862)	≤60	61.8 [60.5, 63.1]	3,310 [3,227, 3,394]	827 [707, 950]	5.16 [5.07, 5.26]	20.93 [19.42, 22.34]	9,287.9 [8,615.1, 9,913.5]	
		>60	52.1 [50.8, 53.4]	2,893 [2,803, 2,988]	871 [741, 993]	4.52 [4.44, 4.61]	16.08 [14.68, 17.48]	7,420.8 [6,776.6, 8,068.3]	
	Incidents (N=16,355)	≤60	73.3 [72.4, 74.2]	6,938 [6,796, 7,102]	895 [652, 1,125]	4.47 [4.40, 4.54]	14.05 [12.94, 15.21]	11,031.0 [10,160.7, 11,940.3]	
		>60	60.3 [59.1, 61.4]	4,191 [4,070, 4,321]	698 [516, 882]	4.58 [4.50, 4.65]	10.97 [9.69, 12.23]	6,335.3 [5,598.9, 7,066.1]	

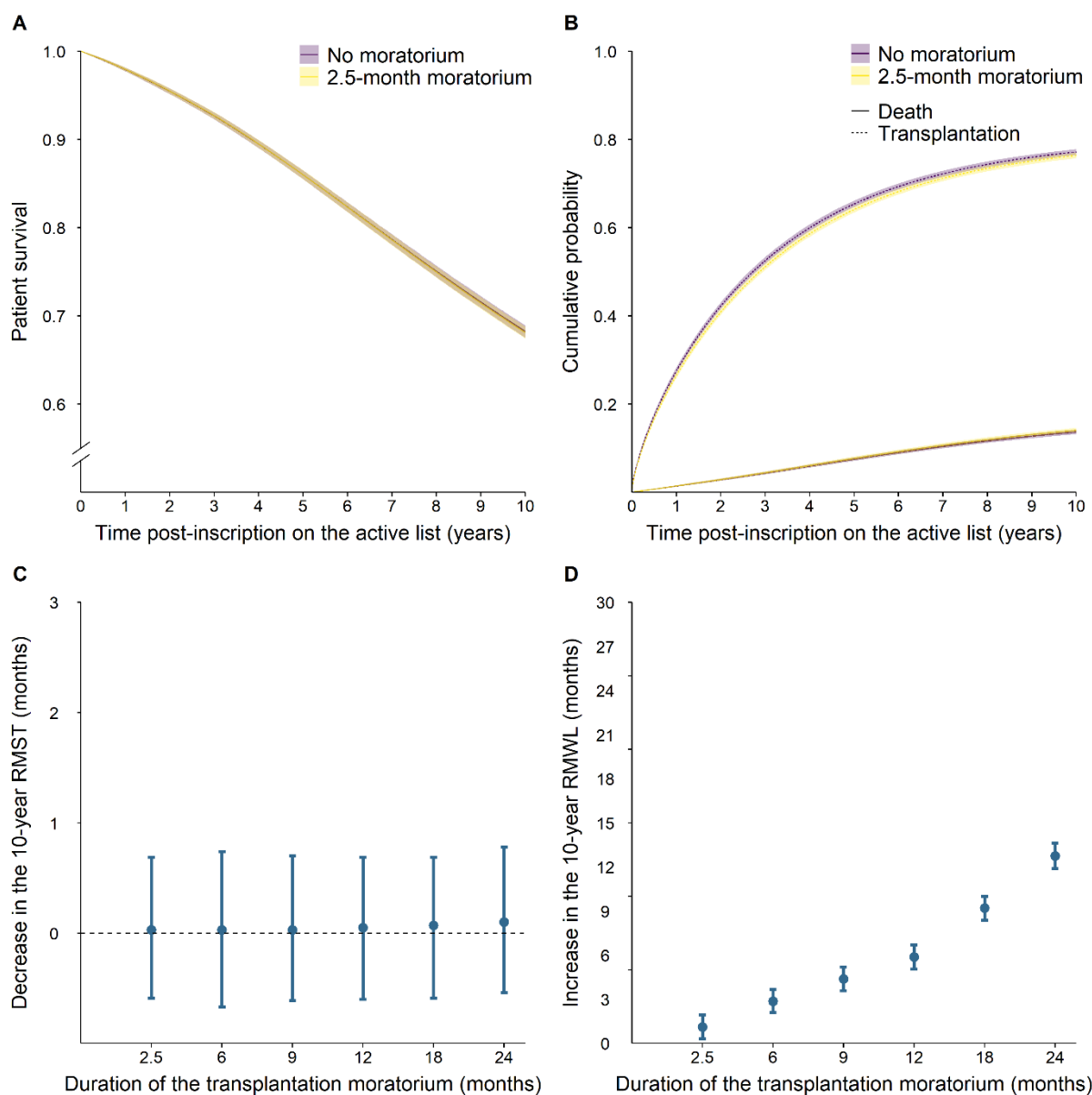
**Table S14.** Impact of 12, 18 and 24-month KT moratoriums at a 10-year horizon on the three studied populations: active on the list on March 16, 2020; inactive or not registered on the list on March 16, 2020, but who will become active before March 16, 2025; and incident patients after March 16, 2020, who will become active candidates for KT before March 16, 2025. Abbreviations: KT = kidney transplantation, RMST = restricted mean survival time, RMWL = restricted mean survival time on the waiting list, [ ] = 95% confidence interval. (\*) Age at the beginning of the KT moratorium for patients active on the list at this time, or at the registration on the active list for the other two populations.



**Figure S1.** Impact of the KT moratorium on active patients on the waiting list on March 2020 (n=8,350). **A-** Overall patient survival. **B-** Cumulative probability of death and transplantation. **C-** Decrease in the 10-year life expectancy according to several moratorium durations compared to the scenario with no moratorium. **D-** Additional months on the waiting list up to 10 years according to several moratorium durations compared to the scenario with no moratorium.



**Figure S2.** Impact of the KT moratorium on nonactive patients on the waiting list in March 2020 who will become active before March 2025 (n=10,862). **A-** Overall patient survival. **B-** Cumulative probability of death and transplantation. **C-** Decrease in the 10-year life expectancy according to several moratorium durations compared to the scenario with no moratorium. **D-** Additional months on the waiting list up to 10 years according to several moratorium durations compared to the scenario with no moratorium.



**Figure S3.** Impact of KT moratorium on incident patients in the REIN registry after March 2020 who will become active before March 2025 (n=16,355). **A-** Overall patient survival. **B-** Cumulative probability of death and transplantation. **C-** Decrease in the 10-year life expectancy according to several moratorium durations compared to the scenario with no moratorium. **D-** Additional months on the waiting list up to 10 years according to several moratorium durations compared to the scenario with no moratorium.