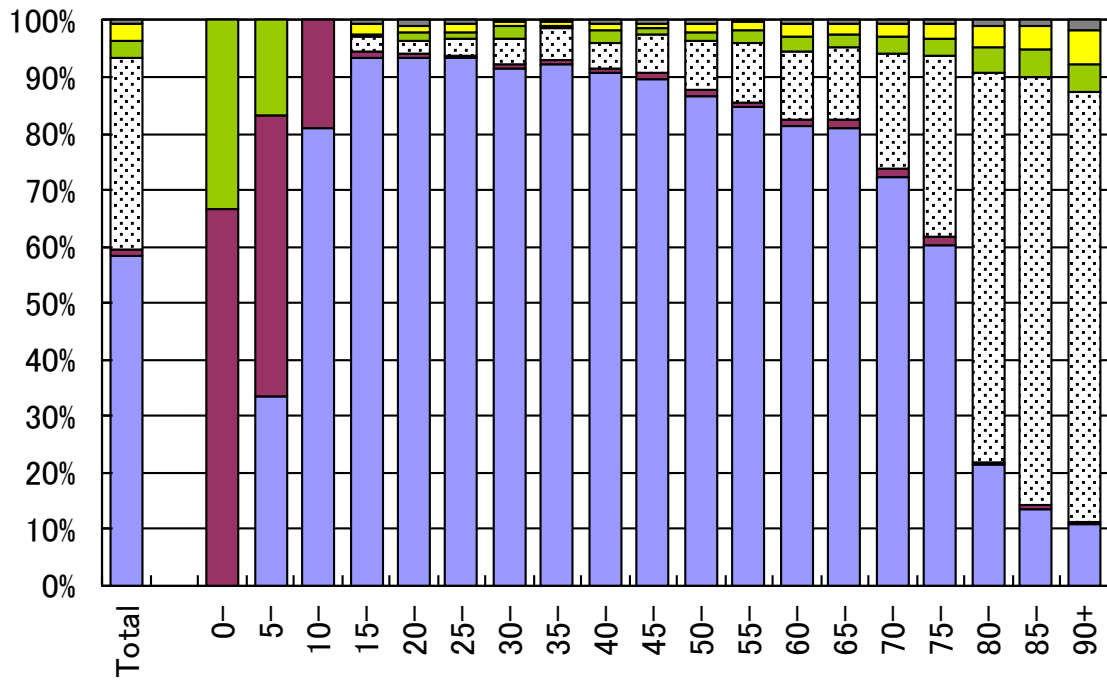


【治療 1】

図1 新登録結核患者の年齢階層別治療開始時処方内容、2012年

Fig.1 Initial treatment regimen of newly notified tuberculosis patients by age group, 2012



年齢 (歳) Age (yrs)

■HRZ+E/S

■HRZ

□他HR含む3剤以上
≥Other 3drugs including HR

■その他 Other drugs

■化療なし No treatment

■不明 Unknown

H: Isoniazid, R: Rifampicin, Z: Pyrazinamide, E: Ethambutol, S: Streptomycin

表1 新登録結核患者の年齢階層別・治療歴別患者数、2012年

Table 1 Number of tuberculosis patients by treatment history and age group, 2012

年齢階層 Age group	新登録結核患者 Newly notified tuberculosis patients	治療歴 Treatment history				再治療率 (%) Proportion of re-treatment tuberculosis patients (%)
		初回治療 New	再治療 Re-treatment		不明 Unknown	
			全再治療 Re-treatment, all	LTBI治療歴有り(再掲) Re-treatment, past history of LTBI treatment (re-count)		
総数 Total	21,283	19,576	1,336	95	371	6.4
0-4	30	30	0	0	0	0.0
5-9	12	10	2	1	0	16.7
10-14	21	20	1	1	0	4.8
15-19	165	151	14	12	0	8.5
20-24	568	535	27	8	6	4.8
25-29	720	677	39	11	4	5.4
30-34	712	675	32	9	5	4.5
35-39	816	764	47	5	5	5.8
40-44	850	803	45	9	2	5.3
45-49	750	686	61	10	3	8.2
50-54	789	749	36	3	4	4.6
55-59	1,006	923	81	9	2	8.1
60-64	1,537	1,425	91	5	21	6.0
65-69	1,475	1,355	108	4	12	7.4
70-74	1,984	1,802	140	2	42	7.2
75-79	2,611	2,378	187	4	46	7.3
80-84	3,100	2,813	211	1	76	7.0
85-89	2,653	2,401	162	1	90	6.3
90+	1,484	1,379	52	0	53	3.6

再治療率 (%): 治療歴不明を除く

Proportion of re-treatment tuberculosis patients: those of unknown treatment history excluded

LTBI: Latent Tuberculosis Infection

表2 再治療患者の年齢階層別・前回治療開始年別患者数、2012年

Table 2 Number of retreatment tuberculosis patients by previous treatment year and age group, 2012

年 Year	総計 Total	年齢 (歳) Age group (yrs)								(再) 前回治療 内容不明 (Re-count)*
		0-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	
総計 Total	1,336	17	66	79	106	117	199	327	425	165
～1949	97	0	0	0	0	0	4	12	81	10
1950-59	190	0	0	0	0	1	7	72	110	11
1960-69	99	0	0	0	1	4	22	37	35	8
1970-79	52	0	0	1	1	5	8	20	17	5
1980-89	54	0	0	2	5	14	12	11	10	2
1990-99	92	1	2	6	18	14	18	22	11	14
2000-09	407	8	25	36	44	50	71	84	89	46
2010-12	342	8	39	33	37	29	57	69	70	68
不明 Unknown	3	0	0	1	0	0	0	0	2	1
(再掲) 2000～2012年	(Re-count) 2000-2012									
2000	11	0	0	0	2	2	2	3	2	0
2001	19	0	1	3	2	1	4	4	4	3
2002	26	2	1	1	4	2	2	11	3	4
2003	21	0	2	0	2	3	1	9	4	3
2004	34	0	2	5	4	7	6	6	4	5
2005	29	0	3	2	3	4	7	5	5	3
2006	47	0	3	9	3	3	9	7	13	5
2007	47	1	1	7	4	7	10	7	10	2
2008	82	0	5	4	10	11	16	13	23	9
2009	91	5	7	5	10	10	14	19	21	12
2010	138	1	13	11	13	12	25	30	33	16
2011	167	4	19	19	18	15	28	32	32	26
2012	37	3	7	3	6	2	4	7	5	26

*: (Re-count) Unknown of previous treatment regimen

表3 治療開始時PZA使用者について、治療完遂者のPZA使用継続状況、2011年新登録患者

Table 3 Treatment with PZA in initial phase among newly notified tuberculosis patients in 2011 and completed standard treatment

		総計 Total	治療完遂者 Completed (%)
総計	Total	13,650	11,225 (100)
2ヵ月	2 months	8,609	8,252 (89.5)
1ヵ月以上2ヵ月未満	≥1 month and <2 months	607	503 (5.5)
1ヵ月未満	<1 month	601	463 (5.0)
不明	Unknown	3,833	2,007 (-)

(%) : 不明を除く割合 Proportions: unknown cases excluded
PZA: Pyrazinamide

旧表 再治療者の年齢階層別前回治療内容別患者数、2012年

Previous table Number of retreatment tuberculosis patients by previous tuberculosis treatment regimen and age group, 2012

年齢 Age group	再治療者 Retreatment	前回治療内容 Previous treatment regimen				
		HRZ含む治療 Regimen with HRZ	他HR含む治療 Other regimen with HR	その他治療 Other regimen	潜在性結核治療 LTBI treatment	不明 Unknown
総数 Total	1,266	398	241	173	95	359
0-4	0	0	0	0	0	0
5-9	1	0	0	0	1	0
10-14	1	0	0	0	1	0
15-19	14	2	0	0	12	0
20-24	27	15	1	0	8	3
25-29	37	16	2	0	11	8
30-34	32	16	3	1	9	3
35-39	45	25	8	1	5	6
40-44	43	20	7	0	9	7
45-49	58	28	10	0	10	10
50-54	35	15	8	0	3	9
55-59	79	30	17	3	9	20
60-64	88	42	12	5	5	24
65-69	100	43	15	16	4	22
70-74	129	43	26	22	2	36
75-79	175	47	25	35	4	64
80-84	200	41	37	47	1	74
85-89	155	10	56	35	1	53
90+	47	5	14	8	0	20

H : Isoniazid, R : Rifampicin, Z : Pyrazinamide

LTBI : Latent Tuberculosis Infection

【治療 2】

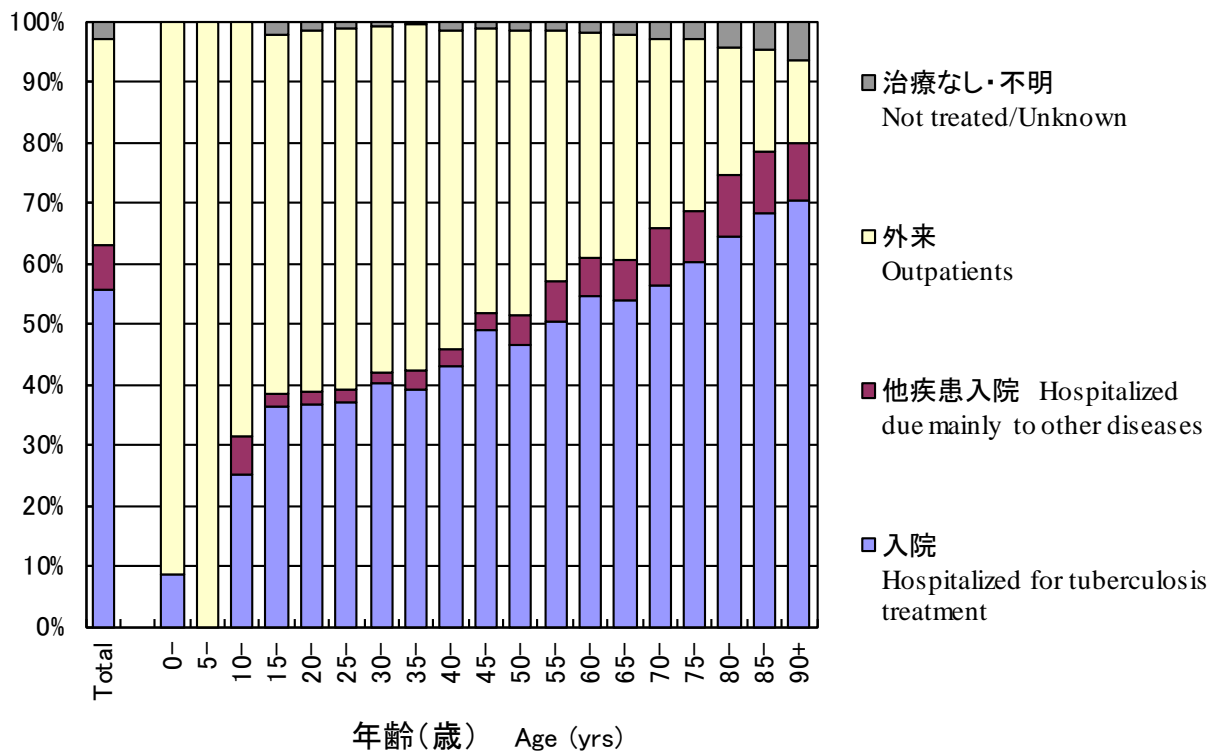


図2 新登録肺結核患者の治療開始時受療状況別割合、年齢階層別、2012年

Fig.2 Proportion of initial treatment status among newly notified pulmonary tuberculosis patients by age group, 2012

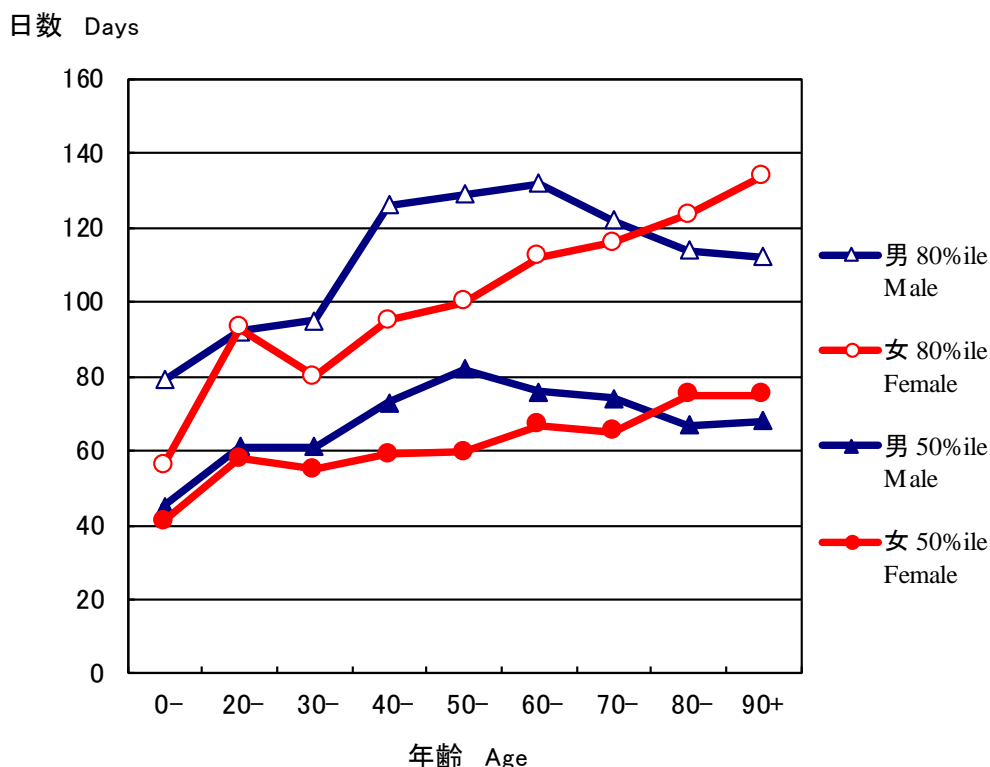


図3 治療開始時結核を主たる理由に入院かつ退院時期情報があつた者について、性・年齢階層別入院期間（中央値および80%値）、2011年新登録肺結核喀痰塗抹陽性初回治療者

Fig.3 Median (50%ile) and 80%ile of duration of hospitalization among those hospitalized with tuberculosis and with known discharged day, new sputum-smear positive pulmonary tuberculosis patients in 2011 by sex

表4 治療開始時入院治療者の入院期間、総合患者分類別、2011年新登録結核患者

Table 4 Duration of hospitalization among newly notified tuberculosis patients receiving initial treatment at hospital in 2011 by patient classification

		新登録活動性結核 Newly notified tuberculosis patients						
		総数 Total	肺結核 Pulmonary tuberculosis patients				菌陰性・その他 Bacteriologically negative and others	肺外結核 Extra- pulmonary tuberculosis patients
			計 Total	喀痰塗抹陽性 Sputum-smear positive		その他の結核 菌陽性 Other bacteriologically positive		
				初回治療 New	再治療 Re-treatment			
総数	Total	22,508	17,449	7,736	747	6,049	2,917	5,059
入院	Hospitalized with tuberculosis	10,922	9,510	7,046	641	1,475	348	1,412
退院日入力	Known date of discharge	8,690	7,743	5,872	532	1,108	231	947
入院患者で退院日が入力された者の入院期間		Duration of hospitalization among those hospitalized with tuberculosis and with known date of discharge						
中央値(日)	Median (days)	64	66	70	72	44	39	43
80%値(日)	80%ile (days)	114	116	118	122	95	107	99

*: 退院理由は問わず * : Irrespective of the reason for discharge from hospital

表5 前年(2010年、2011年)新登録治療開始者の各次年末時(2011年、2012年)治療終了状況および治療期間、総合患者分類別

Table 5 Treatment status and duration of treatment at the end of the following years (2011/2012) among those newly notified and started tuberculosis treatment in the previous years (2010/2011) by patient classification

	新登録活動性結核 Newly notified tuberculosis patients							(別掲) 潜在性結核感染症 (Not included in the total) LTBI
	総数 Total	肺結核 Pulmonary tuberculosis patients						
		計 Total	喀痰塗抹陽性 Sputum-smear positive		その他の結核菌 陽性 Other bacteriologically positive	菌陰性・その他 Bacteriologically negative and others	肺外結核 Extra-pulmonary tuberculosis patients	
			初回治療 New	再治療 Re-treatment				
2010年新登録者数* New cases in 2010*	23,155	18,277	8,242	794	6,358	2,883	4,878	4,902
治療開始時入院/外来 Known treatment status	22,612 (100%)	17,819 (100%)	8,068 (100%)	780 (100%)	6,138 (100%)	2,833 (100%)	4,793 (100%)	4,826 (100%)
治療終了 Stopped treatment	18,010 (79.6)	14,207 (79.7)	6,106 (75.7)	566 (72.6)	5,098 (83.1)	2,437 (86.0)	3,803 (79.3)	4,461 (92.4)
治療終了(完遂) Completed	16,072 (71.1)	12,704 (71.3)	5,294 (65.6)	475 (60.9)	4,694 (76.5)	2,241 (79.1)	3,368 (70.3)	4,018 (83.3)
治療中止(指示) Others	1,732 (7.7)	1,336 (7.5)	735 (9.1)	82 (10.5)	361 (5.9)	158 (5.6)	396 (8.3)	337 (7.0)
自己中止 Defaulted	197 (0.9)	160 (0.9)	72 (0.9)	9 (1.2)	41 (0.7)	38 (1.3)	37 (0.8)	99 (2.1)
不明 Unknown	9 (0.0)	7 (0.0)	5 (0.1)	0 (0.0)	2 (0.0)	0 (0.0)	2 (0.0)	7 (0.1)
2011年末治療完遂あるいは治療継続中の治療期間 Median of duration of treatment among those completed treatment and still receiving treatment								
対象者数# Subjects#	17,435	13,698	5,740	547	5,002	2,409	3,737	4,225
中央値(日) Median (days)	272	272	276	290	244	197	272	183
2011年新登録者数** New cases in 2011**	22,508	17,449	7,736	747	6,049	2,917	5,059	10,096
治療開始時入院/外来 Known treatment status	21,984 (100%)	17,001 (100%)	7,587 (100%)	734 (100%)	5,825 (100%)	2,855 (100%)	4,983 (100%)	10,015 (100%)
治療終了 Stopped treatment	18,525 (84.3)	14,318 (84.2)	6,126 (80.7)	574 (78.2)	5,058 (86.8)	2,560 (89.7)	4,207 (84.4)	9,318 (93.0)
治療終了(完遂) Completed	16,099 (73.2)	12,493 (73.5)	5,118 (67.5)	461 (62.8)	4,570 (78.5)	2,344 (82.1)	3,606 (72.4)	8,232 (82.2)
治療中止(指示) Others	1,398 (6.4)	1,009 (5.9)	546 (7.2)	62 (8.4)	271 (4.7)	130 (4.6)	389 (7.8)	899 (9.0)
自己中止 Defaulted	178 (0.8)	147 (0.9)	60 (0.8)	8 (1.1)	49 (0.8)	30 (1.1)	31 (0.6)	170 (1.7)
行方不明/帰国/死亡	838 (3.8)	658 (3.9)	399 (5.3)	42 (5.7)	166 (2.8)	51 (1.8)	180 (3.6)	11 (0.1)
不明 Unknown	12 (0.1)	11 (0.1)	3 (0.0)	1 (0.1)	2 (0.0)	5 (0.2)	1 (0.0)	6 (0.1)
2012年末治療完遂あるいは治療継続中の治療期間 Median of duration of treatment among those completed treatment and still receiving treatment								
対象者数# Subjects#	16,742	12,930	5,299	491	4,718	2,422	3,812	8,609
中央値(日) Median (days)	273	272	276	288	269	196	274	184

*: 2011年年報データによる Based on the annual report database in 2011 **: 2012年年報データによる Based on the annual report database in 2012

対象者: 年末時点(2011年、2012年)で治療完遂者と登録中かつ治療終了が未入力で治療継続中の者 Subjects: Those who completed tuberculosis treatment or those who were still receiving treatment at the end of years (2011/2012).

LTBI: Latent Tuberculosis Infection

旧表 年齢階層別治療開始時入院あるいは他疾患入院の割合(%)、総合患者分類別、2012年新登録結核患者

Previous table Proportion (%) hospitalized among newly notified tuberculosis patients in 2012 by age group and patient classification

年齢 Age	肺結核 Pulmonary TB									
	計 Total		喀痰塗抹陽性 Sputum smear positive		その他の結核菌陽性 Other bacillary positive		菌陰性・その他 Bacillary negative /unknown		肺外結核 Extra-pulmonary	
	入院 Ht	他入院 Ho	入院 Ht	他入院 Ho	入院 Ht	他入院 Ho	入院 Ht	他入院 Ho	入院 Ht	他入院 Ho
総数 Total	55.7	7.2	90.3	2.3	25.0	13.2	11.5	9.5	28.7	21.1
0-19	30.5	2.1	88.9	0.0	24.5	8.2	5.4	0.0	41.5	7.3
20-29	36.8	2.0	94.7	0.6	15.8	3.0	4.9	2.3	19.4	12.4
30-39	39.6	2.4	90.8	0.2	13.8	4.4	7.2	2.6	17.7	10.8
40-49	45.7	2.9	89.7	0.5	15.6	5.0	7.5	4.3	16.5	12.6
50-59	48.7	5.8	89.9	2.2	15.7	8.4	7.3	9.8	23.6	16.2
60-69	54.3	6.4	90.1	2.3	21.5	11.0	13.9	9.2	22.2	18.3
70-79	58.6	8.8	91.3	2.5	23.8	15.5	12.1	17.8	28.4	22.9
80-89	66.1	10.3	89.6	3.1	35.0	20.4	24.5	20.7	36.1	25.3
90+	70.2	9.7	89.1	3.1	43.2	20.4	33.3	15.2	39.9	30.2

入院: 結核を主たる理由に入院 Ht: Hospitalized for tuberculosis treatment

他入院: 結核以外の他疾患の治療を主たる理由に入院 Ho: Hospitalized mainly due to other diseases

旧表 治療開始時INHあるいはRFP使用者の使用継続状況、治療完遂の有無別、2011年新登録結核患者

Previous table Outcome of treatment with INH or RFP in initial phase among those newly notified TB patients in 2011 by completion of standard regimen

	INHの使用 Treatment with INH		RFPの使用 Treatment with RFP	
	総数 Total	完遂 Completed	総数 Total	完遂 Completed
総数 Total	21,647	15,976 (100%)	21,484	15,964 (100%)
全期間中断なし Full course without interruption	12,091	11,359 (71.1)	12,171	11,516 (72.1)
一時中断あり Full course with interruption	1,165	963 (6.0)	1,211	1,018 (6.4)
中止後未使用 Interrupted and discontinued	727	413 (2.6)	539	194 (1.2)
不明* Unknown*	7,664	3,241 (20.3)	7,563	3,236 (20.3)

*: 治療継続中、治療中の除外等も含む Including those who were still receiving treatment with INH or RFP and those who were deleted from registration during their treatment.

INH: Isoniazid, RFP: Rifampicin

【治療成績】

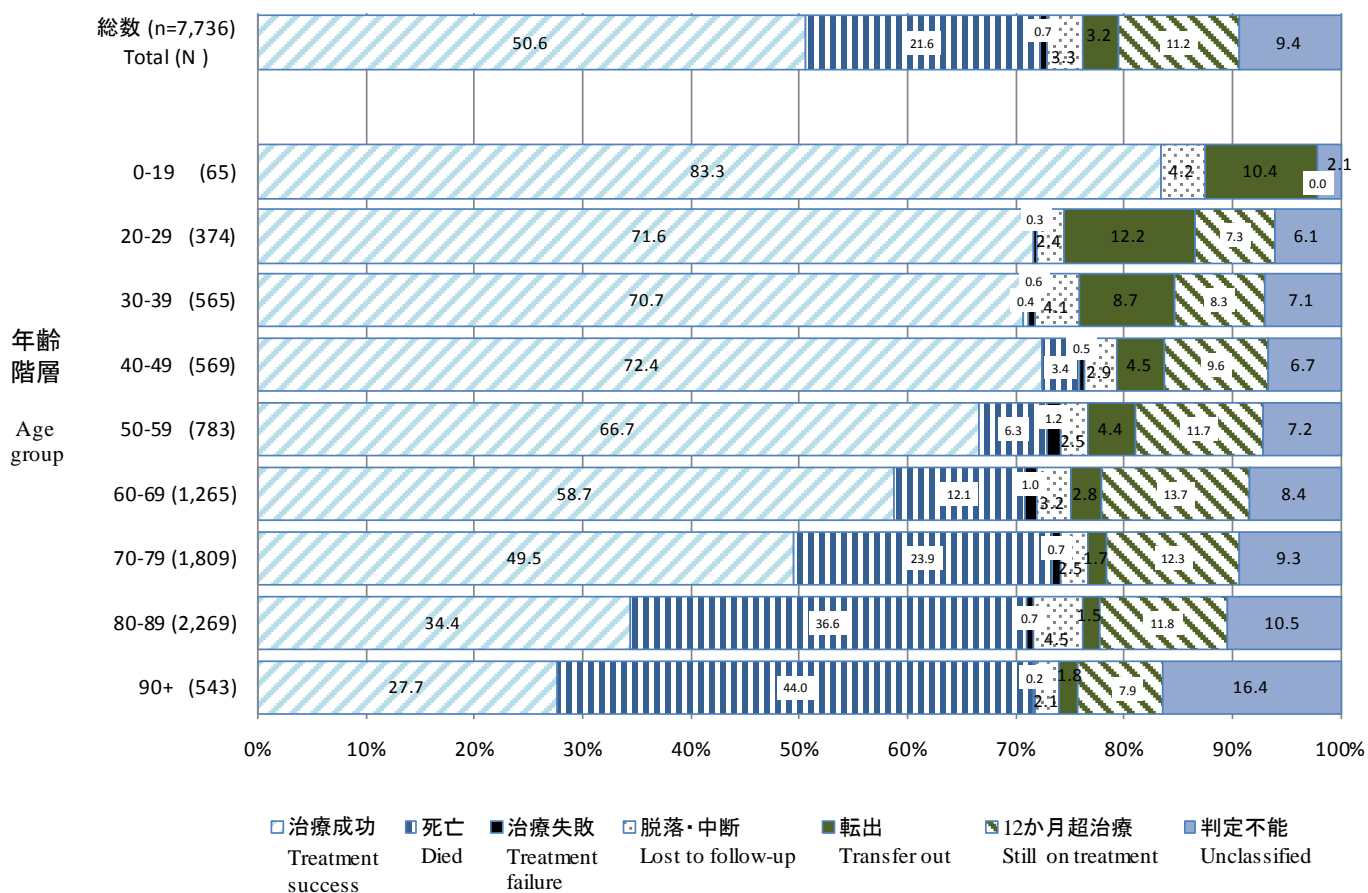


図4 2011年新登録肺結核喀痰塗抹陽性初回治療者の年齢階層別コホート法による治療成績(%)
 Fig. 4 Treatment outcomes of newly notified sputum-smear positive pulmonary tuberculosis patients by age group, 2011 year cohort (%)

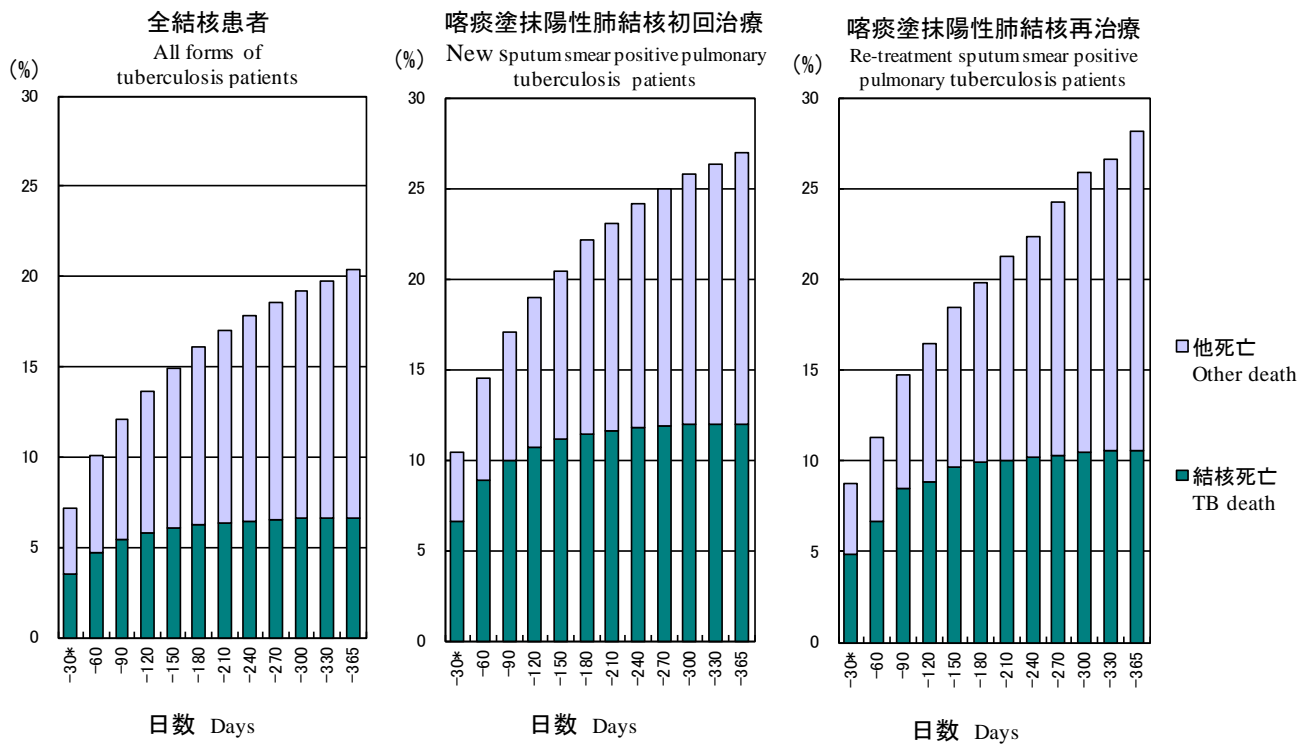


図5 2011年新登録結核患者中治療開始後1年以内死亡者の時期別累積死亡割合 (%)

Fig. 5 Cumulative proportion of deaths among newly notified tuberculosis patients in 2011 by period from the beginning of treatment through one year

-30*: 死亡後登録・治療前死亡を含む
TB: tuberculosis

-30*: Includes patients who died before the commencement of treatment.

表6 2011年新登録肺結核患者の総合患者分類別によるコホート治療成績

Table 6 Treatment outcome of newly notified pulmonary tuberculosis patients by patient classification, 2011 year cohort

	肺結核 Pulmonary tuberculosis patients									
	総数 Total	喀痰塗抹陽性 Sputum-smear positive				他結核菌陽性 Other bacteriologically positive			菌陰性結核・ その他 Bacteriologically negative and others	
		初回治療 New	再治療 Retreatment							
新登録肺結核患者数 New pulmonary tuberculosis patients	17,449	(100%)	7,736	(100%)	747	(100%)	6,049	(100%)	2,917	(100%)
治療成績 Treatment outcomes (*)										
1. 治療成功 Treatment Success	9,550	54.7	3,911	50.6	308	41.2	3,508	58.0	1,823	62.5
治癒 Cure	2,764	15.8	1,544	20.0	136	18.2	779	12.9	305	10.5
治療完了 Treatment completed	6,786	38.9	2,367	30.6	172	23.0	2,729	45.1	1,518	52.0
治療完了1 Treatment Completed 1	4,535	26.0	1,600	20.7	117	15.7	1,301	21.5	1,517	52.0
治療完了2 Treatment Completed 2	2,251	12.9	767	9.9	55	7.4	1,428	23.6	1	0.0
2. 死亡 Died	2,754	15.8	1,673	21.6	159	21.3	739	12.2	183	6.3
3. 治療失敗 Treatment failed	173	1.0	56	0.7	10	1.3	100	1.7	7	0.2
4. 脱落・中断 Lost to follow-up	1,004	5.8	255	3.3	25	3.3	406	6.7	318	10.9
脱落1 Lost to follow-up 1	262	1.5	82	1.1	13	1.7	85	1.4	82	2.8
脱落2 Lost to follow-up 2	742	4.3	173	2.2	12	1.6	321	5.3	236	8.1
5. 転出 Transferred out	513	2.9	250	3.2	32	4.3	136	2.2	95	3.3
6. 12カ月超治療 Still on treatment	1,671	9.6	867	11.2	114	15.3	515	8.5	175	6.0
12カ月超1 Still on treatment 1	272	1.6	140	1.8	22	2.9	88	1.5	22	0.8
12カ月超2 Still on treatment 2	203	1.2	104	1.3	9	1.2	64	1.1	26	0.9
12カ月超3 Still on treatment 3	569	3.3	318	4.1	34	4.6	173	2.9	44	1.5
12カ月超4 Still on treatment 4	627	3.6	305	3.9	49	6.6	190	3.1	83	2.8
7. 判定不能 Unclassified	1,784	10.2	724	9.4	99	13.3	645	10.7	316	10.8
不能1 Unclassified 1	149	0.9	58	0.7	5	0.7	66	1.1	20	0.7
不能2 Unclassified 2	142	0.8	80	1.0	8	1.1	37	0.6	17	0.6
不能3 Unclassified 3	766	4.4	319	4.1	56	7.5	278	4.6	113	3.9
不能4 Unclassified 4	105	0.6	31	0.4	3	0.4	53	0.9	18	0.6
不能5 Unclassified 5	622	3.6	236	3.1	27	3.6	211	3.5	148	5.1

*治療成績: 表7参照。治療開始せず(主に早期に死亡), 治療内容不明, 非標準治療で開始, 途中から最後までINHあるいはRFP使用中止, その他情報不足を含む。

*Treatment outcomes: See Table 7. It includes those who did not start tuberculosis treatment (mostly caused by early death), those whose initial treatment regimen is unknown, those whose treatment is other than standard treatment, those who stopped INH and/or RFP before treatment completion, and those whose information is insufficient for classifying treatment outcomes.

INH: isoniazid, RFP: rifampicin

表7 治療成績区分と定義および新登録喀痰塗抹陽性初回治療肺結核患者の治療成績(率), 2007~2011年コホート
Table 7 Treatment outcomes of newly notified sputum smear positive pulmonary tuberculosis patients, 2007-2011 year cohorts (%)

治療成績 Treatment outcomes	定義 Definition	2007	2008	2009	2010	2011
	n=	9,421	8,999	8,772	8,242	7,736
1. 治癒 Cure	標準治療期間を満たして12カ月以内に治療を完遂し、培養検査での陰性確認を2回以上できた(1回は治療終了前3カ月以内)場合。 A patient who completed treatment within 12 months and whose sputum culture tests were negative at least two times (one of the negative culture results was within three months before the completion of treatment).	16.9	17.6	20.7	20.1	20.0
2. 治療完了1 Treatment completed 1	標準治療期間を満たして12カ月以内に治療を完遂したが、培養検査の陰性確認は1回のみの場合。 A patient who completed treatment within 12 months but had only one negative sputum culture result.	24.9	26.8	27.2	27.4	20.7
3. 治療完了2 Treatment completed 2	標準治療期間を満たして12カ月以内に治療を完遂したが、培養検査での陰性確認がなかった場合。 A patient who completed treatment within 12 months but did not have a negative sputum culture result.	3.8	3.4	3.9	4.5	9.9
4. 死亡 Died	治療中に死亡した場合(理由は問わない)。 A patient who died for any reason during the course of treatment.	18.4	19.1	19.3	20.8	21.6
5. 治療失敗 Treatment failure	治療開始後5カ月以降1年以内に、培養検査が陽性であった場合。 A patient whose sputum culture was positive at 5 months or later during the course of treatment.	1.0	1.1	0.9	0.7	0.7
6. 脱落1 Lost to follow-up 1	連続60日以上あるいは2カ月以上治療を中断した場合。 A patient whose treatment was interrupted for 60 days (or 2 consecutive months) or more.	0.7	0.6	0.8	0.6	1.1
7. 脱落2 Lost to follow-up 2	治療は完遂とされているが、標準治療期間に満たなかった場合。 A patient whose physician stopped treatment but the amount of treatment days did not fulfil the standard duration.	4.3	3.2	2.9	2.3	2.2
8. 転出 Transferred out	治療中に当該保健所管轄地域外へ転出した場合。 A patient who has been transferred to another area of the public health center where the patient was registered.	3.2	2.8	3.3	3.0	3.2
9. 12カ月超治療1 Still on treatment 1	治療開始から12カ月後も治療中(治療途中にイソニアジドあるいはリファンピシンの使用を中止し、その後未使用)。 A patient who stopped Isoniazid (INH) and/or Rifampicin (RFP) and was still on treatment after 12 months.	1.7	1.4	2.0	1.6	1.8
10. 12カ月超治療2* Still on treatment 2*	治療開始から12カ月後も治療中(INHあるいはRFPを全期間使用したが、途中中断のために長期化した可能性あり)。 A patient who has been on treatment with INH and/or RFP and was still on treatment after 12 months due possibly to treatment interruption.	10.3	10.5	8.8	8.3	1.3
11. 12カ月超治療3 Still on treatment 3	治療開始から12カ月後も治療中(INHあるいはRFPを全期間使用し、途中中断はなし)。 A patient who has been on treatment with INH and/or RFP and was still on treatment after 12 months without treatment interruption.					4.1
12. 12カ月超治療4 Still on treatment 4	治療開始から12カ月後も治療中(上記12ヶ月超治療1~3以外の理由)。 A patient who has been on treatment with INH and/or RFP and was still on treatment after 12 months due to unknown reasons.					3.9
13. 判定不能1 Unclassified 1	治療しなかった場合(主な理由は、治療開始前の死亡あるいは死亡後の結核登録)。 A patient who did not start tuberculosis treatment (due mostly to early death).	1.9	2.2	2.1	2.1	0.7
14. 判定不能2 Unclassified 2	治療開始時の治療内容が未入力の場合。 A patient whose initial treatment regimen was unknown.	4.3	3.9	1.4	1.2	1.0
15. 判定不能3 Unclassified 3	治療開始時の治療内容が標準治療以外の場合。 A patient whose treatment regimen was other than the standard.	2.5	2.7	2.5	2.7	4.1
16. 判定不能3 Unclassified 4	12カ月以内に治療を完遂したが、治療途中にINHあるいはRFPの使用を中止して以後未使用の場合。 A patient who stopped INH and/or RFP but completed treatment within 12 months.	1.1	1.1	1.3	1.1	0.4
17. 判定不能5 Unclassified 5	上記いずれにも該当しない場合(主な理由は情報不十分)。 A patient whose information was insufficient for classifying treatment outcome.	5.1	3.8	2.9	3.5	3.1

*2010年までは、12カ月超治療について、12ヶ月超治療1と12ヶ月超治療2(12ヶ月超治療1以外)のみの集計。
2011年以降は、2010年までの12ヶ月超治療2を細分化して12ヶ月超治療1~4で集計している。

*There were two categories of "Still on treatment" until 2010 cohorts. Since 2011, the categories have been divided into four kinds as indicated.

表8 前年(2010年、2011年)新登録者の年末時(2011年末、2012年末)登録除外状況および除外理由、総合患者分類別

Table 8 Number (proportion) of patients excluded from tuberculosis registration by the end of years (in 2010 and in 2011) among those newly notified tuberculosis patients and LTBI patients in the previous years (in 2009, in 2010) by patient classification

	新登録活動性結核 Newly notified tuberculosis patients													(別掲) 潜在性結核 感染症			
	肺結核 Pulmonary tuberculosis																
	総数 Total	肺結核計 Sub-total (Pulmonary tuberculosis)		喀痰塗抹陽性 Sputum-smear positive						他結核菌陽性 Other bacillary positive		菌陰性結核 Bacteriologically negative		肺外結核 Extra-pulmonary			
				初回治療 New			再治療 Re-treatment										
2010年新登録者数* New tuberculosis cases in 2010*	23,155	18,277		8,242			794			6,358		2,883		4,878		4,902	
2011 年末時までの除外者計	6,372	(27.5)	5,086	(27.8)	2,744	(33.3)	272	(34.3)	1,547	(24.3)	523	(18.1)	1,286	(26.4)	843	(17.2)	
Total number of patients excluded from tuberculosis registration by the end of 2011																	
観察不要 No need for follow-up	239	(1.0)	111	(0.6)	10	(0.1)	0	(0.0)	43	(0.7)	58	(2.0)	128	(2.6)	431	(8.8)	
死亡 Died	4,935	(21.3)	3,964	(21.7)	2,293	(27.8)	234	(29.5)	1,160	(18.2)	277	(9.6)	971	(19.9)	41	(0.8)	
結核死 Tuberculosis death	1,484	(6.4)	1,266	(6.9)	957	(11.6)	77	(9.7)	188	(3.0)	44	(1.5)	218	(4.5)	1	(0.0)	
結核外死 Other death	3,451	(14.9)	2,698	(14.8)	1,336	(16.2)	157	(19.8)	972	(15.3)	233	(8.1)	753	(15.4)	40	(0.8)	
転出 Transfer out	934	(4.0)	793	(4.3)	358	(4.3)	24	(3.0)	263	(4.1)	148	(5.1)	141	(2.9)	263	(5.4)	
登録中の再登録 Re-treatment during registration	149	(0.6)	127	(0.7)	55	(0.7)	9	(1.1)	44	(0.7)	19	(0.7)	22	(0.5)	28	(0.6)	
その他の理由 Other reason	115	(0.5)	91	(0.5)	28	(0.3)	5	(0.6)	37	(0.6)	21	(0.7)	24	(0.5)	80	(1.6)	
2011年新登録者数* New tuberculosis cases in 2011**	22,508		17,449		7,736		747		6,049		2,917		5,059		10,096		
2012 年末時までの除外者計	6,385	(28.4)	5,045	(28.9)	2,710	(35.0)	279	(37.3)	1,532	(25.3)	524	(18.0)	1,340	(26.5)	1,240	(12.3)	
Total number of patients excluded from tuberculosis registration by the end of 2012																	
観察不要 No need for follow-up	136	(0.6)	48	(0.3)	5	(0.1)	1	(0.1)	16	(0.3)	26	(0.9)	88	(1.7)	465	(4.6)	
死亡 Died	5,050	(22.4)	3,994	(22.9)	2,267	(29.3)	227	(30.4)	1,206	(19.9)	294	(10.1)	1,056	(20.9)	65	(0.6)	
結核死 Tuberculosis death	1,502	(6.7)	1,258	(7.2)	932	(12.0)	80	(10.7)	184	(3.0)	62	(2.1)	244	(4.8)	0	(0.0)	
結核外死 Other death	3,548	(15.8)	2,736	(15.7)	1,335	(17.3)	147	(19.7)	1,022	(16.9)	232	(8.0)	812	(16.1)	65	(0.6)	
転出 Transfer out	983	(4.4)	828	(4.7)	354	(4.6)	47	(6.3)	255	(4.2)	172	(5.9)	155	(3.1)	592	(5.9)	
登録中の再登録 Re-treatment during registration	138	(0.6)	118	(0.7)	65	(0.8)	4	(0.5)	34	(0.6)	15	(0.5)	20	(0.4)	51	(0.5)	
その他の理由 Other reason	78	(0.3)	57	(0.3)	19	(0.2)	0	(0.0)	21	(0.3)	17	(0.6)	21	(0.4)	67	(0.7)	

*: 2011年結核年報データによる Based on the annual report database in 2011

** : 2012年結核年報データによる Based on the annual report database in 2012

LTBI : Latent Tuberculosis Infection