

Supplemental Table 1. Descriptive statistics for healthcare professionals' use of adherence-enhancing interventions

Item	Modal rating for overall sample	Modal rating - doctors	Modal rating - pharmacists	Modal rating - nurses
Assessment of adherence and its risk factors				
I ask patients if they have missed any doses of their medication	4 (<i>N</i> = 867) Total N = 2441	4 (<i>N</i> = 335) Total N = 705	2 (<i>N</i> = 328) Total N = 936	4 (<i>N</i> = 337) Total N = 800
I ask patients if they have reduced the dose of their medication	3 (<i>N</i> = 731) Total N = 2427	4 (<i>N</i> = 260) Total N = 705	2 (<i>N</i> = 343) Total N = 936	3 (<i>N</i> = 254) Total N = 786
I ask patients if they have changed their medication regimen	3 (<i>N</i> = 736) Total N = 2448)	4 (<i>N</i> = 266) Total N = 703	3 (<i>N</i> = 337) Total N = 951	4 (<i>N</i> = 242) Total N = 794
I take blood or urine samples to assess patients' level of adherence	1 (<i>N</i> = 1150) Total N = 1808	1 (<i>N</i> = 342) Total N = 676	1 (<i>N</i> = 436) Total N = 477	1 (<i>N</i> = 372) Total N = 655
I use standardised questionnaires/screening tools to assess patients' level of adherence	1 (<i>N</i> = 1570) Total N = 2069	1 (<i>N</i> = 569) Total N = 676	1 (<i>N</i> = 525) Total N = 706	1 (<i>N</i> = 476) Total N = 687
I use electronic monitoring devices to assess patients' level of adherence	1 (<i>N</i> = 1481) Total N = 1979	1 (<i>N</i> = 528) Total N = 664	1 (<i>N</i> = 489) Total N = 655	1 (<i>N</i> = 464) Total N = 660
I use pill counts to assess patients' level of adherence	1 (<i>N</i> = 890) Total N = 2233	1 (<i>N</i> = 261) Total N = 691	1 (<i>N</i> = 383) Total N = 768	1 (<i>N</i> = 246) Total N = 774
I speak to the patients' family, friends or carers to assess the patient's level of adherence	2 (<i>N</i> = 792) Total N = 2350	2 (<i>N</i> = 227) Total N = 704	2 (<i>N</i> = 394) Total N = 854	3 (<i>N</i> = 279) Total N = 792
Providing information for patients/carers				
I offer patients information about their condition/illness	4 (<i>N</i> = 955) Total N = 2446	5 (<i>N</i> = 449) Total N = 708	4 (<i>N</i> = 429) Total N = 938	4 (<i>N</i> = 309) Total N = 800

I offer patients information about treatment options for their condition/illness	4 (N = 813) Total N = 2377	5 (N = 366) Total N = 707	4 (N = 275) Total N = 907	4 (N = 278) Total N = 763
I offer patients information about the medication they are prescribed	5 (N = 988) Total N = 2482	5 (N = 325) Total N = 706	4 (N = 421) Total N = 975	4 (N = 312) Total N = 801
I offer patients information about how they might benefit from taking their prescribed medication(s)	4 (N = 1082) Total N = 2470	5 (N = 298) Total N = 704	4 (N = 471) Total N = 972	4 (N = 327) Total N = 794
I offer patients information about side effects and how to deal with them	4 (N = 1009) Total N = 2484)	4 (N = 302) Total N = 707	4 (N = 414) Total N = 978)	4 (N = 293) Total N = 799
I check that patients understand the information that I have given them	4 (N = 964) Total N = 2488	4 (N = 280) Total N = 706	4 (N = 382) Total N = 972	5 (N = 337) Total N = 810
I provide patients with written (paper based) information about their medication	2 (N = 749) Total N = 2406	2 (N = 216) Total N = 691	2 (N = 326) Total N = 965	2 (N = 207) Total N = 750
I provide patients with video tapes/DVD/audio/computer materials about their medication	1 (N = 1785) Total N = 2199	1 (N = 551) Total N = 682	1 (N = 682) Total N = 825	1 (N = 552) Total N = 692
I offer educational/support classes and peer mentoring to patients	1 (N = 1292) Total N = 2148	1 (N = 388) Total N = 676	1 (N = 539) Total N = 781	1 (N = 365) Total N = 691
Talking with patients about their medications				
I ask patients what level of involvement they would like in making decisions about their treatment	1 (N = 466) Total N = 1603	2 (N = 146) Total N = 517	1 (N = 268) Total N = 541	2 (N = 139) Total N = 545
I give patients the opportunity to ask any questions about their condition or illness	5 (N = 1030) Total N = 2137	5 (N = 413) Total N = 644	5 (N = 282) Total N = 784	5 (N = 335) Total N = 709
I give patients the opportunity to ask questions about their medication	5 (N = 1188) Total N = 2203	5 (N = 359) Total N = 642	5 (N = 508) Total N = 856	5 (N = 321) Total N = 705
I address any beliefs or concerns that patients may have which have	4 (N = 815)	4 (N = 269)	4 (N = 277)	4 (N = 269)

resulted in non-adherence	Total N = 2178	Total N = 640	Total N = 835	Total N = 703
I ask patients about their views of whether they need their medication or not, which may have resulted in non-adherence	3 (N = 581) Total N = 2109	3 (N = 178) Total N = 638	2 (N = 252) Total N = 786	4 (N = 205) Total N = 685
I ask patients if there are practical reasons (e.g., poor memory, difficulty opening medication bottles) which make it difficult for them to take their medication as prescribed	3 (N = 616) Total N = 2181	2 (N = 189) Total N = 639	2 (N = 286) Total N = 835	4 (N = 255) Total N = 707
I discuss with patients what form of support they would like to help them take their medications as prescribed	2 (N = 630) Total N = 2165	2 (N = 210) Total N = 637	2 (N = 297) Total N = 822	4 (N = 244) Total N = 706
When patients have difficulty taking their medications as prescribed I suggest solutions which address the specific problems they are having	4 (N = 794) Total N = 2175	4 (N = 236) Total N = 632	4 (N = 265) Total N = 840	4 (N = 293) Total N = 703
I offer patients skill building support to increase the patients' capacity to deal with practical aspects of medication-taking (e.g. how to administer injectable drugs)	4 (N = 575) Total N = 2067	4 (N = 160) Total N = 630	4 (N = 200) Total N = 764	4 (N = 215) Total N = 673
I review treatment goals with patients and incorporate medication adherence into the review	4 (N = 435) Total N = 1718	4 (N = 207) Total N = 574	2 (N = 215) Total N = 611	4 (N = 146) Total N = 533
I encourage involvement of patients in their own care through self-monitoring (e.g. recording glucose levels in diabetic patients)	4 (N = 805) Total N = 2090	4 (N = 296) Total N = 631	4 (N = 229) Total N = 769	4 (N = 280) Total N = 690
I use reinforcement to support patients to continue to take their medication e.g. assessment of adherence with patient feedback	4 (N = 707) Total N = 2089	4 (N = 247) Total N = 632	4 (N = 216) Total N = 769	4 (N = 244) Total N = 688
I discuss any options available for reducing the cost of the prescription for the patient	4 (N = 492) Total N = 1491	4 (N = 153) Total N = 377	4 (N = 197) Total N = 583	4 (N = 142) Total N = 531
I offer rewards for improved adherence and/or treatment response (e.g. reduced frequency of visits; partial payment for equipment)	1 (N = 1145) Total N = 1602	1 (N = 428) Total N = 597	1 (N = 410) Total N = 481	1 (N = 307) Total N = 524
I use a motivational style (such as motivational interviewing) when discussing medication taking with patients	4 (N = 599) Total N = 2023	4 (N = 197) Total N = 627	4 (N = 206) Total N = 737	4 (N = 196) Total N = 659

I use a cognitive-behavioural style when discussing medication-taking with patients	2 (N = 497) Total N = 1872	2 (N = 177) Total N = 593	2 (N = 187) Total N = 657	3 (N = 173) Total N = 622
I use an educational style when discussing medication-taking with patients	4 (N = 755) Total N = 2083	4 (N = 251) Total N = 631	4 (N = 268) Total N = 784	4 (N = 236) Total N = 668
I schedule more frequent appointments when patients have problems with medication adherence	4 (N = 465) Total N = 1629	4 (N = 234) Total N = 629	1 (N = 198) Total N = 438	4 (N = 190) Total N = 562
Practical strategies to make medication taking easier				
I recommend the medication regimen is simplified by reducing administration frequency (e.g. by use of long acting drugs)	4 (N = 541) Total N = 1601	4 (N = 336) Total N = 597	2 (N = 173) Total N = 498	3 (N = 154) Total N = 506
I recommend the medication regimen is simplified by the use of combination drugs	4 (N = 450) Total N = 1579	4 (N = 307) Total N = 603	2 (N = 210) Total N = 500	1 (N = 139) Total N = 476
I recommend the medication regimen is simplified by reducing the use of multiple medication for a single condition	3 (N = 405) Total N = 1561	4 (N = 248) Total N = 597	2 (N = 163) Total N = 487	1 (N = 144) Total N = 477
I recommend the use of the medication formulation most appropriate for each patient (e.g. oral tablet, oral solution, IV injection, patch)	4 (N = 596) Total N = 1732	4 (N = 276) Total N = 607	2 (N = 192) Total N = 572	4 (N = 183) Total N = 553
I recommend the use of medication in packaging patients will find easy to use	2 (N = 486) Total N = 1704	2 (N = 169) Total N = 579	2 (N = 205) Total N = 611	4 (N = 120) Total N = 514
I help patients to tailor their medication regimen to their own lifestyle	4 (N = 590) Total N = 1813	4 (N = 249) Total N = 605	2 (N = 196) Total N = 631	4 (N = 200) Total N = 577
I help patients to use cueing (taking medication in combination with routine behaviours, such as meals, television programmes, brushing teeth in the morning)	4 (N = 724) Total N = 1973	4 (N = 229) Total N = 607	4 (N = 246) Total N = 727	4 (N = 249) Total N = 639
I recommend reminder systems to patients such as pagers, mobile phone, alarm watches, telephone services, calendars	2 (N = 645) Total N = 1964	2 (N = 221) Total N = 601	2 (N = 282) Total N = 733	3 (N = 198) Total N = 630

I recommend medication charts and diaries to patients to help them remember and record when they have taken their medication	2 (N = 631) Total N = 1971	2 (N = 200) Total N = 600	2 (N = 275) Total N = 746	3 (N = 164) Total N = 625
I recommend dispensers for organising medication, e.g. pillboxes, monitored dosage systems	4 (N = 888) Total N = 2035	4 (N = 296) Total N = 609	4 (N = 321) Total N = 764	4 (N = 271) Total N = 662
I form adherence contracts with patients that describe what the patient, carers and healthcare professionals will do to support the patients' medication adherence	1 (N = 1110) Total N = 1559	1 (N = 415) Total N = 582	1 (N = 382) Total N = 459	1 (N = 313) Total N = 518
Involving others, and other services, to support adherence				
I encourage involvement of family or carers in strategies and interventions for medication adherence	2 (N = 593) Total N = 1908	2 (N = 196) Total N = 604	2 (N = 280) Total N = 654	4 (N = 218) Total N = 650
I arrange medication counselling by a specialist for patients to support medication adherence	1 (N = 955) Total N = 1595	1 (N = 353) Total N = 585	1 (N = 353) Total N = 480	1 (N = 249) Total N = 530
I refer patients to peer mentor programmes to support medication adherence	1 (N = 1058) Total N = 1639	1 (N = 390) Total N = 583	1 (N = 363) Total N = 527	1 (N = 305) Total N = 529
I refer to case management services for high risk patients to support medication adherence	1 (N = 1019) Total N = 1538	1 (N = 371) Total N = 563	1 (N = 357) Total N = 481	1 (N = 291) Total N = 494

Note. Response scale: 1 = Never; 2 = Occasionally; 3 = Sometimes; 4 = Frequently; 5 = All the time

Supplemental Table 2. Descriptive statistics for the perceived effectiveness of adherence-enhancing interventions

Item	Modal rating for overall sample	Modal rating - doctors	Modal rating - pharmacists	Modal rating - nurses
Assessment of adherence and its risk factors				
I ask patients if they have missed any doses of their medication	2 (N = 1487) Total N = 2425	2 (N = 450) Total N = 699	2 (N = 584) Total N = 927	2 (N = 453) Total N = 799
I ask patients if they have reduced the dose of their medication	2 (N = 1394) Total N = 2354	2 (N = 412) Total N = 688	2 (N = 538) Total N = 912	2 (N = 444) Total N = 754
I ask patients if they have changed their medication regimen	2 (N = 1379) Total N = 2398	2 (N = 400) Total N = 689	2 (N = 562) Total N = 937	2 (N = 417) Total N = 772
I take blood or urine samples to assess patients' level of adherence	4 (N = 666) Total N = 1698	2 (N = 195) Total N = 596	4 (N = 317) Total N = 515	4 (N = 200) Total N = 587
I use standardised questionnaires/screening tools to assess patients' level of adherence	4 (N = 810) Total N = 1741	4 (N = 228) Total N = 523	4 (N = 321) Total N = 640	4 (N = 261) Total N = 578
I use electronic monitoring devices to assess patients' level of adherence	4 (N = 798) Total N = 1701	4 (N = 228) Total N = 538	4 (N = 330) Total N = 615	4 (N = 240) Total N = 548
I use pill counts to assess patients' level of adherence	2 (N = 891) Total N = 2097	2 (N = 292) Total N = 630	2 (N = 278) Total N = 747	2 (N = 321) Total N = 720
I speak to the patients' family, friends or carers to assess the patient's level of adherence	2 (N = 1357) Total N = 2310	2 (N = 431) Total N = 686	2 (N = 477) Total N = 844	2 (N = 449) Total N = 780
Providing information for patients/carers				
I offer patients information about their condition/illness	3 (N = 1132) Total N = 2447	3 (N = 400) Total N = 698	2 (N = 501) Total N = 965	3 (N = 378) Total N = 784

I offer patients information about treatment options for their condition/illness	2 (N = 1202) Total N = 2376	3 (N = 330) Total N = 695	2 (N = 513) Total N = 931	2 (N = 363) Total N = 750
I offer patients information about the medication they are prescribed	3 (N = 1134) Total N = 2449	2 (N = 367) Total N = 698	3 (N = 492) Total N = 973	3 (N = 360) Total N = 778
I offer patients information about how they might benefit from taking their prescribed medication(s)	3 (N = 1125) Total N = 2426	2 (N = 336) Total N = 691	3 (N = 444) Total N = 962	3 (N = 365) Total N = 773
I offer patients information about side effects and how to deal with them	2 (N = 1258) Total N = 2438	2 (N = 391) Total N = 696	2 (N = 502) Total N = 975	2 (N = 365) Total N = 767
I check that patients understand the information that I have given them	3 (N = 1085) Total N = 2443	2 (N = 344) Total N = 695	3 (N = 437) Total N = 966	3 (N = 383) Total N = 782
I provide patients with written (paper based) information about their medication	2 (N = 1153) Total N = 2282	2 (N = 314) Total N = 636	2 (N = 501) Total N = 945	2 (N = 338) Total N = 701
I provide patients with video tapes/DVD/audio/computer materials about their medication	4 (N = 862) Total N = 1647	4 (N = 238) Total N = 506	4 (N = 361) Total N = 632	4 (N = 263) Total N = 509
I offer educational/support classes and peer mentoring to patients	4 (N = 666) Total N = 1733	2 (N = 201) Total N = 542	4 (N = 297) Total N = 651	2 (N = 207) Total N = 540
Talking with patients about their medications				
I ask patients what level of involvement they would like in making decisions about their treatment	2 (N = 617) Total N = 1423	2 (N = 214) Total N = 471	2 (N = 180) Total N = 476	2 (N = 223) Total N = 476
I give patients the opportunity to ask any questions about their condition or illness	3 (N = 1072) Total N = 2108	2 (N = 360) Total N = 628	2 (N = 362) Total N = 788	3 (N = 384) Total N = 692
I give patients the opportunity to ask questions about their medication	3 (N = 1160) Total N = 2159	3 (N = 302) Total N = 629	3 (N = 497) Total N = 843	3 (N = 361) Total N = 687
I address any beliefs or concerns that patients may have which have	2 (N = 1057)	2 (N = 334)	2 (N = 398)	2 (N = 325)

resulted in non-adherence	Total N = 2126	Total N = 626	Total N = 824	Total N = 676
I ask patients about their views of whether they need their medication or not, which may have resulted in non-adherence	2 (N = 1005) Total N = 1990	2 (N = 309) Total N = 606	2 (N = 360) Total N = 743	2 (N = 336) Total N = 641
I ask patients if there are practical reasons (e.g., poor memory, difficulty opening medication bottles) which make it difficult for them to take their medication as prescribed	2 (N = 1079) Total N = 2101	2 (N = 355) Total N = 612	2 (N = 427) Total N = 821	3 (N = 305) Total N = 668
I discuss with patients what form of support they would like to help them take their medications as prescribed	2 (N = 1022) Total N = 2054	2 (N = 320) Total N = 594	2 (N = 404) Total N = 789	2 (N = 298) Total N = 671
When patients have difficulty taking their medications as prescribed I suggest solutions which address the specific problems they are having	3 (N = 986) Total N = 2131	2 (N = 318) Total N = 615	3 (N = 384) Total N = 833	3 (N = 352) Total N = 683
I offer patients skill building support to increase the patients' capacity to deal with practical aspects of medication-taking (e.g. how to administer injectable drugs)	3 (N = 907) Total N = 1966	2 (N = 260) Total N = 590	3 (N = 330) Total N = 752	3 (N = 327) Total N = 624
I review treatment goals with patients and incorporate medication adherence into the review	2 (N = 801) Total N = 1648	2 (N = 272) Total N = 549	2 (N = 266) Total N = 603	2 (N = 263) Total N = 496
I encourage involvement of patients in their own care through self-monitoring (e.g. recording glucose levels in diabetic patients)	3 (N = 943) Total N = 2047	3 (N = 309) Total N = 614	2 (N = 366) Total N = 777	3 (N = 346) Total N = 656
I use reinforcement to support patients to continue to take their medication e.g. assessment of adherence with patient feedback	2 (N = 1023) Total N = 1994	2 (N = 306) Total N = 595	2 (N = 376) Total N = 747	2 (N = 341) Total N = 652
I discuss any options available for reducing the cost of the prescription for the patient	2 (N = 620) Total N = 1430	2 (N = 165) Total N = 366	2 (N = 243) Total N = 557	2 (N = 212) Total N = 507
I offer rewards for improved adherence and/or treatment response (e.g. reduced frequency of visits; partial payment for equipment)	4 (N = 596) Total N = 1306	4 (N = 164) Total N = 455	4 (N = 271) Total N = 433	4 (N = 161) Total N = 632
I use a motivational style (such as motivational interviewing) when discussing medication taking with patients	2 (N = 940) Total N = 1943	2 (N = 294) Total N = 587	2 (N = 336) Total N = 735	2 (N = 310) Total N = 621

I use a cognitive-behavioural style when discussing medication-taking with patients	2 (N = 893) Total N = 1769	2 (N = 283) Total N = 540	2 (N = 297) Total N = 655	2 (N = 313) Total N = 574
I use an educational style when discussing medication-taking with patients	2 (N = 1132) Total N = 2032	2 (N = 352) Total N = 612	2 (N = 417) Total N = 795	2 (N = 363) Total N = 625
I schedule more frequent appointments when patients have problems with medication adherence	2 (N = 835) Total N = 1659	2 (N = 388) Total N = 610	4 (N = 211) Total N = 502	2 (N = 272) Total N = 547
Practical strategies to make medication taking easier				
I recommend the medication regimen is simplified by reducing administration frequency (e.g. by use of long acting drugs)	2 (N = 727) Total N = 1651	3 (N = 309) Total N = 581	2 (N = 253) Total N = 561	2 (N = 218) Total N = 509
I recommend the medication regimen is simplified by the use of combination drugs	2 (N = 742) Total N = 1600	2 (N = 286) Total N = 584	2 (N = 259) Total N = 547	2 (N = 197) Total N = 469
I recommend the medication regimen is simplified by reducing the use of multiple medication for a single condition	2 (N = 778) Total N = 1582	2 (N = 325) Total N = 583	2 (N = 246) Total N = 534	2 (N = 207) Total N = 465
I recommend the use of the medication formulation most appropriate for each patient (e.g. oral tablet, oral solution, IV injection, patch)	2 (N = 791) Total N = 1772	2 (N = 285) Total N = 593	2 (N = 283) Total N = 625	3 (N = 232) Total N = 554
I recommend the use of medication in packaging patients will find easy to use	2 (N = 835) Total N = 1696	2 (N = 320) Total N = 552	2 (N = 316) Total N = 642	2 (N = 199) Total N = 502
I help patients to tailor their medication regimen to their own lifestyle	2 (N = 903) Total N = 1797	2 (N = 307) Total N = 583	2 (N = 339) Total N = 658	2 (N = 257) Total N = 556
I help patients to use cueing (taking medication in combination with routine behaviours, such as meals, television programmes, brushing teeth in the morning)	2 (N = 989) Total N = 1909	2 (N = 331) Total N = 585	2 (N = 373) Total N = 727	2 (N = 285) Total N = 597
I recommend reminder systems to patients such as pagers, mobile phone, alarm watches, telephone services, calendars	2 (N = 972) Total N = 1805	2 (N = 306) Total N = 551	2 (N = 364) Total N = 690	2 (N = 302) Total N = 564

I recommend medication charts and diaries to patients to help them remember and record when they have taken their medication	2 (N = 931) Total N = 1784	2 (N = 294) Total N = 534	2 (N = 358) Total N = 696	2 (N = 279) Total N = 554
I recommend dispensers for organising medication, e.g. pillboxes, monitored dosage systems	3 (N = 1002) Total N = 1965	2 (N = 277) Total N = 586	2, 3 (N = 354) Total N = 756	3 (N = 379) Total N = 623
I form adherence contracts with patients that describe what the patient, carers and healthcare professionals will do to support the patients' medication adherence	4 (N = 628) Total N = 1305	4 (N = 190) Total N = 458	4 (N = 273) Total N = 429	4 (N = 165) Total N = 418
Involving others, and other services, to support adherence				
I encourage involvement of family or carers in strategies and interventions for medication adherence	2 (N = 993) Total N = 1833	2 (N = 335) Total N = 571	2 (N = 350) Total N = 644	2 (N = 308) Total N = 618
I arrange medication counselling by a specialist for patients to support medication adherence	4 (N = 534) Total N = 1336	2 (N = 180) Total N = 469	4 (N = 231) Total N = 439	2 (N = 179) Total N = 428
I refer patients to peer mentor programmes to support medication adherence	4 (N = 580) Total N = 1291	4 (N = 181) Total N = 444	4 (N = 251) Total N = 458	2 (N = 154) Total N = 389
I refer to case management services for high risk patients to support medication adherence	4 (N = 635) Total N = 1273	4 (N = 196) Total N = 443	4 (N = 258) Total N = 431	4 (N = 181) Total N = 399

Note. Response scale: 1 = Not at all; 2 = Somewhat; 3 = Extremely; 4 = Do not know

Supplemental Table 3. Descriptive statistics for total scores of healthcare professionals' use of adherence-enhancing interventions

Variable	Mean (SD) and range for overall sample	Mean (SD) and range - doctors	Mean (SD) and range – pharmacists	Mean (SD) and range - nurses
Assessment of adherence and its risk factors (Minimum possible score = 8 ; maximum possible score = 40)	19.00 (4.79) 8-35 N = 1690	19.59 (4.28) 8-35 N = 642	16.25 (4.26) 8-31 N = 463	20.52 (4.83) 8-35 N = 585
Providing information for patients/carers (Minimum possible score = 9 ; maximum possible score = 45)	28.90 (5.64) 9-44 N = 2002	30.40 (4.90) 9-44 N = 656	27.67 (5.12) 9-42 N = 704	28.71 (6.48) 9-44 N = 642
Talking with patients about their medications (Minimum possible score = 18 ; maximum possible score = 90)	55.87 (11.32) 21-87 N = 555	56.15 (9.16) 33-81 N = 172	50.61 (10.99) 27-77 N = 175	60.07 (11.44) 21-87 N = 208
Practical strategies to make medication taking easier (Minimum possible score = 11 ; maximum possible score = 55)	30.72 (7.52) 11-55 N = 1260	33.29 (6.12) 17-54 N = 532	27.08 (6.50) 11-47 N = 358	30.54 (8.71) 11-55 N = 370
Involving others, and other services, to support adherence (Minimum possible score = 4 ; maximum possible score = 20)	7.47 (2.79) 4-19 N = 1420	7.55 (2.69) 4-18 N = 551	6.32 (2.18) 4-16 N = 415	8.44 (3.02) 4-19 N = 454
Perceived barriers to the use of adherence-enhancing interventions (Minimum possible score = 13 ; maximum possible score = 52)	31.51 (8.39) 13-52 N = 1097	31.55 (7.65) 13-49 N = 382	33.14 (8.03) 13-52 N = 382	29.59 (9.19) 13-51 N = 333

Supplemental Table 4. Descriptive statistics for healthcare professionals' total ratings for use of adherence-enhancing interventions by nation

Profession/nation	N	Mean total rating	Standard deviation
Assessment of adherence and its risk factors			
Minimum possible score = 8; Maximum possible score = 40			
Overall sample	1690	19.00	4.79
Doctors	642	19.59	4.28
Pharmacists	463	16.25	4.26
Nurses	585	20.52	4.83
Austria	314	18.74	4.63
Belgium	125	18.96	3.88
England	230	20.23	4.73
France	83	17.94	4.03
Germany	138	18.22	4.90
Hungary	203	19.53	5.00
Netherlands	67	19.01	4.31
Poland	283	19.29	5.62
Portugal	35	19.74	4.17
Switzerland	212	17.93	4.26
Providing information for patients/carers			
Minimum possible score = 9; Maximum possible score = 45			
Overall sample	2002	28.90	5.64
Doctors	656	30.40	4.90
Pharmacists	704	27.67	5.12
Nurses	642	28.71	6.48
Austria	362	27.66	6.25
Belgium	178	28.15	4.53
England	251	31.24	5.34
France	92	29.02	5.18
Germany	197	28.96	5.19
Hungary	228	29.47	5.24
Netherlands	76	30.36	4.02
Poland	318	28.85	6.47
Portugal	38	29.87	4.63

Switzerland	262	27.79	5.16
Talking with patients about their medications			
Minimum possible score = 18; Maximum possible score = 90			
Overall sample	555	55.87	11.32
Doctors	172	56.15	9.16
Pharmacists	175	50.61	10.99
Nurses	208	60.07	11.44
Austria	-	-	-
Belgium	89	52.72	10.14
England	183	57.33	10.66
France	69	53.80	10.53
Germany		-	-
Hungary		-	-
Netherlands	51	57.25	10.34
Poland		-	-
Portugal	19	59.95	9.48
Switzerland	144	55.93	13.16
Practical strategies to make medication taking easier			
Minimum possible score = 11; Maximum possible score = 55			
Overall sample	1260	30.72	7.52
Doctors	532	33.29	6.12
Pharmacists	358	27.08	6.50
Nurses	370	30.54	8.71
Austria	206	30.89	7.22
Belgium	98	29.88	7.79
England	210	31.53	6.76
France	68	31.01	7.02
Germany	107	30.77	6.78
Hungary	142	32.69	8.31
Netherlands	58	31.67	5.12
Poland	180	31.31	8.36
Portugal		-	-
Switzerland	191	27.61	7.44
Involving others, and other services, to support adherence			
Minimum possible score = 4; Maximum possible score = 20			

Overall sample	1420	7.47	2.79
Doctors	551	7.55	2.69
Pharmacists	415	6.32	2.18
Nurses	454	8.44	3.02
Austria	244	6.45	2.33
Belgium	121	7.36	2.33
England	203	7.77	2.42
France	68	7.82	2.44
Germany	127	6.27	2.04
Hungary	173	7.71	3.02
Netherlands	61	6.90	2.20
Poland	218	9.60	3.26
Portugal	23	8.65	2.53
Switzerland	182	6.58	2.37

Note. Missing data result from omitted items within the online surveys; total scores could not be calculated for sections with missing items.