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Cancer Multidisciplinary Team Meeting Observational Tool (MDT-MOT)

Development and testing of the cancer multidisciplinary team meeting observational tool (MDT-MOT)

Jenny Harris MSc^{1^}; Cath Taylor PhD^{1^}; Nick Sevdalis PhD²; Rozh Jalil MD (Res), MRCS³; James S.A. Green LLM, FRCS (Urol)^{4,5}

¹ Florence Nightingale Faculty of Nursing and Midwifery, King's College London, London, England

² Centre for Implementation Science, Health Service and Population Research Department, King's College London, UK

³ Urology Department, Imperial College NHS Trust, London, England

⁴ Department of Urology, Barts Health NHS Trust, Whipps Cross Hospital, London, England

⁵ Department of Health and Social Care, London South Bank University, London, England

[^] Joint lead authors

Address for correspondence:

Jenny Harris

Department of Supportive Cancer Care

Florence Nightingale Faculty of Nursing and Midwifery

Kings College London, London SE1 8WA

Tel: +44 (0)20 7848 3508/ +44 (0)7960 380 371

Fax: +44 (0)20 7848 3764

Email: jenny.harris@kcl.ac.uk

ABSTRACT

Aims: Performance in cancer Multidisciplinary Team Meetings (MDMs) can compromise treatment decision-making, yet improvement tools that can be used by peers in routine practice are lacking. Our aims were to develop a tool for independent observational assessment, and test criterion validity (Study 1); followed by inter-rater reliability and agreement when used by clinicians vs. non-clinicians, and describe performance in 10 cancer MDMs (Study 2).

Design: The MDT- Meeting Observational Tool (MOT) was developed. Ten teamwork domains are rated on a 5-point Likert scale using descriptive anchors. Study 1: 13 health service staff observed and rated pre-determined optimal/sub-optimal MDM film excerpts. Study 2: video-recordings of 10 MDMs were independently rated by clinical and non-clinical observers. Inter-rater reliability and agreement was assessed and variability between MDTs described using non-parametric statistics.

Results: Study 1: Observers were able to discriminate between optimal and sub-optimal MDM performance ($p \leq 0.05$). Study 2: Inter-rater reliability was good for 3/10 domains. Percentage of absolute agreement was high ($\geq 80\%$) for 4/10 domains and percentage agreement within 1 point was high for 9/10 domains. Four MDTs performed well (scored 3+ in at least 8/10 domains), five MDTs performed well in 6-7 domains, and one MDT performed well in only 4 domains. Leadership and chairing of the meeting, the organisation and administration of the meeting, and clinical decision-making processes all varied significantly between MDMs ($p \leq 0.01$).

Conclusions: MDT-MOT demonstrated good criterion validity. Agreement between clinical and non-clinical observers (within one point on the scale) was high but this was inconsistent with reliability coefficients and warrants further investigation. If further validated MDT-MOT might provide a useful mechanism for the routine assessment of MDMs by the local workforce to drive improvements in MDT performance.

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Keywords: Cancer, quality assessment, observation, multidisciplinary team, patient care team, teamwork

INTRODUCTION

Tumour specific multi-disciplinary teams (MDTs, sometimes called multi-disciplinary tumour boards) are now firmly established as fundamental to the organisation of cancer services in the UK and other countries [1-3]. A central component of the MDT model of care is the regular MDM, bringing together a range of health professionals to agree recommendations about the management of patients. With accumulating evidence of the benefits that cancer MDTs confer [3], including reduced variation in survival [4-6], there has been increasing emphasis on ensuring that MDTs perform both effectively and efficiently in order to deliver optimal patient care [7-8].

In England some aspects of MDT working, such as MDT membership and whether protocols for referral and treatment are in place, are assessed through the national cancer peer review programme. [9] Adherence to these standards, within and between tumour types, is variable [10] and many other aspects of teamworking are not easily translated to measurable national standards, but may equally impact on the quality of care. This includes the quality of leadership of the MDT, the patient-centredness of the decision-making process and the inclusiveness and quality of communication between MDT members [11-13]. Poor quality discussions in MDMs, particularly the failure to consider all relevant information, may result in recommendations that are not implemented in practice [14-16] and/or cause delays in patient treatment [17-18].

Structured observational assessment and feedback has proved a useful technique to help drive improvements in the way health teams work together, for example during surgical procedures [19]; and in anaesthesia [20]. Independent observers can potentially help MDT members to recognise areas where performance could be improved that they may not have been aware of themselves including what they are doing well as well as what could be improved [21]. Structured observational assessment tools for assessing MDT performance within cancer MDMs have been developed [22-23] but cannot be easily used without some training and supervision. Furthermore, although the assessment of teamwork in routine practice may be beneficial and cost-effective for encouraging health professional

development [24], formalised mechanisms to facilitate this are lacking (eg using standardized processes, assessing measurable quality standards)[7]. For the routine observational assessment of cancer MDMs to be sustainable and encourage organisational learning, it would need to be feasible for assessments to be undertaken by locally based health services staff, rather than costly external teamwork experts or specialist researchers [25]. We have previously established proof of concept that it is feasible for health service clinicians and managers with no formal training in observational techniques to undertake structured observational assessment and that MDT members find such feedback useful [26].

The Characteristics of an Effective MDT [7], produced by England's National Cancer Action Team (NCAT), outlines the optimal components of MDT performance based on clinical consensus from a survey completed by over 2,000 cancer MDT members. It contains nearly 100 recommendations for effective cancer teamworking organised under 17 'domains', many of which are potentially observable in MDMs. We have previously used this as a framework to underpin the development of a questionnaire, the Team Evaluation and Assessment Measure [27], to enable MDT members to self-assess their performance. In this study we aimed to develop an observational assessment tool, underpinned by the *Characteristics of an Effective MDT*, suitable for routine use in cancer MDMs by clinical and non-clinical professionals (including health service staff with no previous experience of conducting such assessments). The objectives were:

- a) To test criterion validity, the extent to which it can discriminate between different levels of performance, when used by health service staff without prior training (Study 1)
- b) To test reliability and agreement when used by different observers, including clinical and non-clinical assessors (Study 2)

- c) To describe team performance in cancer MDMs (including variation within and between MDTs, as well as describing the aspects of teamwork performed most and least well) (Study 2).

METHODS

Tool development

Preliminary work was undertaken with 20 MDTs and has been described in detail elsewhere [26]. The content was calibrated against the *Characteristics of an Effective MDT* [7]. Of the 17 domains of teamwork within this document, the tool includes 10 that are observable in MDMs. Domains include: *attendance at MDT meetings, leadership and chairing in MDT meetings, teamworking and culture, personal development and training, physical environment of the meeting venue, technology and equipment available for use in MDT meetings, organisation and administration during meetings, patient-centred care, clinical decision-making processes, and post-meeting co-ordination of service* (e.g. the clarity of 'next steps' in the meeting discussion). A prototype version was tested for proof of concept with 20 MDTs [26]. Key findings were that the tool was acceptable and useful but usability could be improved by incorporating descriptive textual 'anchors' for extreme and mid points on the scale.

The tool was modified to improve format and usability. This included developing descriptive anchors for scores at the lower, mid and upper end of the rating scale. The revised tool was subsequently piloted by: (1) a senior cancer nurse and a surgeon (RJ) who observed video-recordings of five MDMs; (2) six NHS Trust-based peer observers (senior clinicians and managers) observing MDTs within their Trust in-vivo; and (3) an independent multidisciplinary panel of cancer service researchers. All users provided feedback on face and content validity, acceptability and ease of use, and further changes were made including refinements to the descriptive anchors and format/layout of the tool.

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In the resulting MDT-Meeting Observational Tool (hereafter referred to as MDT-MOT) all 10 observable teamwork domains are rated on a 5-point rating scale, using descriptive anchors for the extremes and midpoint of the scale [28]. A score of '5' represents optimal effectiveness, calibrated against recommendations within 'The Characteristics of an Effective MDT' [7]. A score of '3' represents effectiveness that exhibits some degree of agreement with the optimum, but not consistently, and a score of '1' represents no or little agreement with the defined optimum. Scores of '2' and '4' were included but not defined to allow observers the freedom to gradate their assessment. This approach to observational scoring (high, medium and low anchors, plus intermediate scores that allow gradation) is particularly useful for assessing workplace performance [28] and has been used extensively in relation to assessing team performance [19, 22-23] (See Figure 1).

Study 1: assessing criterion validity when used by health service staff without prior training

Participants

Observers were 13 participants at a workshop (facilitated by CT and JH) about MDT working within a national cancer conference in England. Participants included one clinician and twelve non-clinicians (e.g. cancer service managers). None had undertaken structured observational assessment previously.

Procedure

Participants were given a brief introduction to the purpose and use of MDT-MOT and were then asked to use MDT-MOT to independently rate the performance of MDTs they viewed on 2 brief films. The films consisted of re-enacted MDM excerpts (real meetings were filmed and re-produced faithfully by actors). The films were developed by the National Cancer Action Team (NCAT, responsible for supporting implementation of cancer policy in England at the time) overseen by a panel of cancer experts to illustrate the characteristics of an effective MDT. The excerpts included MDT discussions where optimal and sub-optimal behaviour are shown (film 2 and 1, respectively) lasting approximately

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12 minutes in total. Participants were asked to act as the independent observer for the MDT and to use MDT-MOT to rate each MDT film individually.

Study 2: assessing MDT performance, inter-rater reliability and agreement using clinical and non-clinical observers

MDT meetings

10 cancer MDMs were video-recorded; this included two colorectal, two upper GI, two head and neck, two skin, one teenage and young adult, and one urology MDT.

Procedure

MDMs were video-recorded using a digital camcorder with a wide angled lens and external microphone, set on a tripod (facing the attendees). MDT members were asked to maintain patient anonymity in discussions by referring to patients using ID numbers instead of their names. Subsequently, a surgeon registrar (RJ) and research psychologist (JH) independently viewed the films and assessed each MDM using the MDT-MOT. Both were experienced at assessing MDT performance and using observational tools, one was experienced at using the MDT-MOT (JH).

Data analyses

In *Study 1* criterion validity was established if observers' were able to discriminate between optimal (film 2) and sub-optimal performance (film 1), assessed using Mann-Whitney U tests. In *Study 2* descriptive statistics (mean, SD, median, range) for the performance scores per domain are presented. Inter-rater reliability, the extent to which the observers were able to differentiate between MDT performance in each domain of teamworking, was assessed statistically using weighted Kappa.[29] Inter-rater agreement, the extent to which the ratings were identical, was assessed by presenting percentage agreement (both absolute agreement, and within 1-point on the scale).[30] Variation in performance between MDTs was assessed statistically using Kruskal Wallis. To enable visual

comparison of variation between and within MDTs, the summed overall score out of 50 was calculated and ratings for each domain were dichotomised with scores above 3 indicating 'best performance' vs. scores of 3 or less. All statistical tests were performed using SPSS version 20.0. Significance was taken at the 0.05 level. The methods presented here align closely with those described in published reporting guidelines for reliability and agreement (see the appendices).[30]

Ethics

The protocol for the project was reviewed by the UK National Research Ethics Service (NRES) and was classified and approved as service development.

RESULTS

Study 1: Criterion validity of MDT-MOT

Median and mean observer ratings for film 1 (worse teamworking) were 2.5 or less, for nine out of ten domains, indicating agreement from the raters that the team exhibited sub-optimal performance. The exception was the physical environment of the meeting venue, with a median rating of 3. In comparison, median and mean observer ratings for film 2 (better teamworking) were all greater than 3, indicating agreement between raters that the team exhibited better performance than film 1 (table 1). Within-observer comparison of ratings for the two films revealed significant differences for all domains of MDM performance (all $p \leq 0.05$; data not shown, available on request), suggesting that MDT-MOT could reliably discriminate between better and worse MDT performance.

Table 1 here

Study 2: Characteristics of cancer MDT meetings

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Between 4 and 33 cases were discussed at each meeting (median = 14 cases, mean = 38.6 cases, SD = 1.4) with an average of 10 MDT-members in attendance (range 8 to 12) (table 2).

[Table 2]

Inter-rater reliability and agreement using MDT-MOT

Weighted Kappa (K) statistics indicated good reliability for three domains of teamworking: clinical decision-making, organisation and administration during MDT meetings, and leadership of the team and chairing of the MDT meeting ($K \geq 0.60$). [29,31] Percentage agreement showed that in these three domains, plus one further (patient-centred care) at least 80% of observers' ratings were in absolute agreement; and in all but one domain (attendance at MDMs) at least 80% of the ratings agreed at least within 1-point on the scale (table 3).

[Table 3]

Variation in performance within and between MDTs

There was evidence of consistency in performance across domains within teams, with four MDTs performing well ('good' or 'very good' i.e. score greater than 3) in 8 or 9 domains, five MDTs performing well in 6 or 7 domains, and one MDT performing well in only 4 domains (table 4, figure 2).

There was diversity in performance between MDTs. Total scores (out of 50) ranged from 32 to 40 (table 4). Ratings of performance in relation to *leadership and chairing of the meeting, organisation and administration during meetings, and clinical decision-making processes* all varied significantly between MDTs (Kruskal-Wallis test, ≤ 0.05 ; data not shown, available on request). No other significant variations in domains between MDTs were found. All MDTs were evaluated well for the physical environment of the meeting venue, but only one MDT performed well in demonstrating evidence of personal development and training within their MDM.

[Table 4]

DISCUSSION

This study offers preliminary evidence that the MDT-MOT has good criterion validity. However the results for reliability and agreement were inconclusive. The findings suggest that, when used by a clinical and non-clinical assessor, MDT-MOT could reliably differentiate performance for three of the ten domains of cancer teamworking, but ratings given for 9 out of the 10 domains of teamworking by the two raters were at least within 1 point of each other 80% of the time, showing high agreement. This is important because it suggests there was some consistency between observers' ratings. The discrepancy between the reliability and agreement coefficients is an acknowledged statistical paradox and is challenging to interpret, particularly because Kappa coefficients are influenced by the prevalence of the phenomenon being measured and sample size [29, 32, 33]. In this study MDTs tended to perform well, with a high prevalence of positive ratings; in such instances chance agreement would be high and Kappa is reduced accordingly. Furthermore, the sample size of 10 MDTs, although

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comparing favourably to samples in the development of similar tools [22, 23], may not be sufficient to detect a statistically significant coefficient [33]. This is because the MDT-MOT assesses overall meeting performance rather than performance on a patient-by-patient basis (e.g. MDT- Metric for the Observation of Decision-making(MODE)) [22]. Therefore we suggest that the percentage agreement provides a more useful indicator of reliability in this instance.

As this is the first evaluation of MDT-MOT is unclear to what extent any discrepancies between observers are an artefact of the tool, or may reflect the clinical/non-clinical backgrounds of the observers, and/or their professional biases or experiences as a surgeon and psychologist. The differences may alternatively be accounted for by having varied observer learning curves for using the tool, as one observer was more experienced at using MDT-MOT, as found with other measures [22, 34]. Furthermore, it is likely that some training or at least preparation (e.g. practice using the tool) would optimise the reliability of assessments [25]. Future research should test the reliability of MDT-MOT in the hands of clinical and non-clinical 'peer' observers attending meetings in person, an approach that has been used in the development of other tools [22]. In addition, it would be valuable to evaluate the utility and validity of MDT-MOT in relation to existing team member self-assessment tools [27] and other MDT observational measures [22, 23], and to obtain MDT members' views of its utility for MDT development. Furthermore, it would be useful to examine the tools' performance when used with MDTs that may operate differently (e.g. 'speciality' MDTs such a paediatric and rarer tumours), and in contexts outside the UK.

MDT-MOT is intended to support team development. Our findings are unlikely to impact on the overall utility of the scale when used in routine practice for this purpose, as it is intended to be used as part of a toolkit to enable MDT members to assess and receive feedback on their MDT performance (e.g. to be used alongside MDT member self-assessment and review of practice, audit of clinical practice, and patient experience survey data), all of which may capture different aspects of performance [21].

Indeed previous research has shown that not only do cancer MDT members assess their MDTs performance differently to external observers particularly in relation to the degree of patient-centredness demonstrated in meetings [21], but there may also be considerable variability in how members of the same MDT view the purpose of the MDT in relation to this domain [35].

Although most MDTs performed well, performance did vary between MDTs. In contrast to findings in a previous study within one tumour type (colorectal) [23] the MDTs in this study typically performed well in relation to having patient-centred discussions, documenting post-meeting actions, and having suitable meeting venues. MDTs appeared not to prioritise integration of explicit training into MDMs. This putative benefit of MDMs is cited by MDT members' themselves [7]; however, it may be that in time-pressured meetings it is neglected.

The quality of leadership including chairing of the MDMs also varied considerably. Within the UK context, clinicians typically hold leadership roles due to their clinical expertise, but little opportunity or support is provided for leadership development [36; 37]. Incorporating the assessment of MDMs into routine practice could have benefits for individuals, teams and the wider organisation by sharing best practice and highlighting areas for improvement that could be prioritised for investment/training.

Some limitations should be noted. In order to assess criterion validity when used by non-experts without prior training, study 1 utilised films of re-enacted meetings that had been intentionally produced to represent optimal and sub-optimal team performance as has been used in the development of other tools [38]. However, as these were excerpts they were much shorter than a usual MDM: whole MDMs are likely to contain greater gradations with regards to performance. Study 1 participants were a convenience sample and only included one clinician; future research would benefit from testing with a wider variety of clinical and non-clinical staff, and across a range of MDM settings. The MDTs in study 2 were also a small convenience sample and thereby caution must be exercised when generalising beyond these teams, for instance perhaps MDTs that performed better were more likely to consent to being observed. However, the sample did include a range of tumour

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specialties from six NHS Trusts, and the overall number of cases discussed is comparable to those reported in the development of other observational tools [22-23]. The MDMs we recorded were stated to be “typical” of the weekly MDM by the team members, though it is recognised that in the busy environment of a case discussion meeting it may be difficult to assess all aspects of the discussion [22, 39]. However, MDT-MOT was designed for the routine assessment of usual busy cancer MDMs by local health services staff with minimum training, and it is reassuring that in this context we have been able to demonstrate criterion validity and good agreement between raters, although the reliability statistics present a weaker agreement and warrant further investigation.

CONCLUSIONS

If further validated, MDT-MOT may provide a useful mechanism for the routine assessment of MDM effectiveness. This could not only assist individual MDTs in recognising where they perform well and those areas to prioritise for development and improvement, but also benefit the wider healthcare organisation. Sharing best practice may help organisations to identify where they could support their MDTs further to promote the delivery of effective MDMs and patient care.

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expressed are those of the author(s) and not necessarily those of the NHS, the NIHR or the Department of Health.

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Tables

Table 1. Study 1: Ratings for domains of MDT meeting performance in each film

Sub-domains of MDT meeting performance assessed	Film 1 (worse teamwork)				Film 2 (better teamwork)				Statistical significance ⁺
	Median	Min-Max	Mean	SD	Median	Min-Max	Mean	SD	
Attendance at MDT meetings	1.0	1-3	1.73	0.91	4.0	3-5	3.91	0.83	U(20)= 6.0, Z= -3.70, p <0.001
Leadership and chairing	1.0	1.00	1.00	0.00	5.0	4-5	4.69	0.48	U(24) = 0.0, Z= -4.75, p <0.001
Teamwork and culture	1.0	1-2	1.15	0.38	5.0	4-5	4.75	0.45	U(23)= 0.0, Z= -4.56, p <0.001
Personal development and training	1.0	1-2	1.25	0.46	3.0	1-5	3.14	1.68	U(13)= 10.0, Z= -2.27, p =0.023
Physical environment of the meeting venue	3.0	1-4	2.46	1.05	3.5	2-5	3.67	0.99	U(23)= 34.0, Z= -2.50, p= 0.013
Technology and equipment available for use in MDT meetings	2.5	1-5	2.42	1.31	5.0	2-5	4.54	0.97	U(23)= 17.5, Z= -3.47, p= 0.001
Organisation and administration during MDT meetings	1.0	1-2	1.23	0.44	4.0	3-5	4.38	0.65	U(24)= 0.0, Z= -4.52, p= 0.001
Patient-centred care	1.0	1-2	1.33	0.49	5.0	4-5	4.85	0.38	U(23)= 13.0, Z= -.3.75, p< 0.001
Clinical decision-making	1.0	1-3	1.38	0.65	5.0	3-5	4.69	0.63	U(24)= 0.5, Z= -4.54, p< 0.001
Post- meeting coordination of services	1.0	1-3	1.44	0.73	4.0	2-5	3.86	1.22	U(14)= 3.0, Z= -3.13, p= 0.002

⁺ Significance of difference between ratings for film 1 and 2, Mann-Whitney U test

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Table 2. Study 2: Characteristics of the observed MDT meetings

MDT meeting observed	Number of patient cases discussed in meeting	Meeting duration (minutes)	Number of MDT members in attendance at the meeting
Colorectal	21	99	11
Colorectal	13	64	9
Colorectal	16	97	11
Head and neck	9	43	11
Head and neck	17	78	10
Skin	14	54	9
Teenage and young adult	10	32	8
Upper GI	14	80	9
Upper GI	4	30	12
Urology	33	118	8
<i>Total</i>	<i>151</i>	<i>695</i>	<i>98</i>
<i>Mean</i>	<i>15</i>	<i>126</i>	<i>10</i>
<i>Median</i>	<i>14</i>	<i>71</i>	<i>10</i>

Table 3. Study 2: Observers' ratings for domains of MDT meeting performance: reliability and agreement

Domain of MDT meeting	Observer 1 (surgeon)				Observer 2 (psychologist)				Reliability ¹	Percentage agreement	
	Median	Min-Max	Mean	SD	Median	Min-Max	Mean	SD	Weighted Kappa	Absolute agreement	Agreement +/- 1 point
Attendance at MDT meetings	3.5	2-5	3.8	1.14	4	3-5	4.1	0.88	0.17	40	70
Leadership and chairing	4.0	1-5	3.6	1.17	4	2-4	3.4	0.84	0.62	90	100
Teamwork and culture	4.0	3-4	3.9	0.32	4	3-5	3.8	0.63	0.32	70	100
Personal development and training	2.0	2-3	2.40	0.52	3	2-4	2.8	0.63	0.06	50	100
Physical environment of the meeting venue	4.0	3-5	4.2	0.63	4	4-5	4.1	0.63	0.32	70	100
Technology and equipment available for use in MDT meetings	4.0	3-4	3.8	0.50	4	3-5	3.7	0.68	0.45	50	80
Organisation and administration during MDT meetings	4.0	3-5	3.7	0.68	4	3-4	3.6	0.52	0.83	90	100
Patient-centred care	4.5	3-5	3.9	0.74	4	3-5	3.7	0.68	0.24	80	100
Clinical decision-making	4.0	3-5	3.7	0.68	4	3-4	3.6	0.52	0.83	90	100
Post- meeting coordination of services	4.5	3-5	4.4	0.70	4	3-5	4.1	0.88	-0.07	20	90

¹Weighted Kappa interpretation: ≤0 poor, .01-.20 = slight, .21-.40= fair, .41-.60= moderate, 0.61-.80 = substantial and .81-1= almost perfect (Landis and Koch, 1977)

Table 4. Study 2: Variation in performance across the ten observable domains of teamworking within and between teams

Domain of MDT meeting performance	MDT										Number of MDTs scoring >3
	1	2	3	4	5	6	7	8	9	10	
	Mean score (1-5)¹										
Attendance at MDT meetings	4	4	5	5	3	4	4	5	3	4	8
Leadership and chairing	3	4	4	4	5	3	4	2	3	5	6
Teamwork and culture	4	4	4	4	4	4	4	4	3	5	9
Personal development and training	3	3	3	2	3	3	3	3	2	4	1
Physical environment of the meeting venue	5	4	4	4	5	4	4	5	4	4	10
Technology and equipment available for use in MDT meetings	4	4	3	4	5	4	3	4	4	3	7
Organisation and administration during MDT meetings	3	4	4	5	4	4	3	4	3	3	6
Patient-centred care	4	4	4	5	5	3	4	5	4	4	9
Clinical decision-making	3	4	5	4	3	4	4	4	3	3	6
Post- meeting coordination of services	5	5	4	5	5	4	4	5	4	5	10
Total score (potential range 10-50)	37	39	38	40	39	36	36	39	32	38	
Number of domains > 3	6	9	8	9	7	7	7	9	4	7	

¹Based on the two observers' combined ratings

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Legends for figures:

Figure 1 MDT-MOT© Rating scale for three domains of teamworking (for illustration)

Figure 2. Variation in MDT performance by domain of teamworking

Figures

Figure 1 MDT-MOT© Rating scale for three domains of teamworking (for illustration)

Aspect of teamworking	Description of team performance (5 = very good; 1 = very poor)				
	5	4	3	2	1
ATTENDANCE	<ul style="list-style-type: none"> All core and extended members attend for all cases relevant to them Decisions are only made when meeting is quorate Observers/new team-members are introduced 		<ul style="list-style-type: none"> At least one core member is absent for some cases relevant to them (e.g. arrives late/leaves early) Some decisions are made when the meeting is not quorate; Observers/new team-members are introduced inappropriately (before meeting is quorate; not all observers are introduced) 		<ul style="list-style-type: none"> At least one core and extended team member are absent for all cases relevant to them; Many decisions are made when the meeting is not quorate; Observers/ new team-members are not introduced
LEADERSHIP/CHAIRING OF THE MDT MEETING	<p>The Chair;</p> <ul style="list-style-type: none"> manages people, discussions and time effectively monitors attendance and takes action on attendance concerns as appropriate ensures recommendations are clear/consensual in all cases 		<p>The Chair;</p> <ul style="list-style-type: none"> manages people, discussions and/or time reasonably well (e.g. loses control of some case discussions/time but most are OK) acknowledges attendance issues but does not take the appropriate action does not ensure recommendations are clear and/or consensual in some cases 		<p>The Chair;</p> <ul style="list-style-type: none"> manages people, discussions and/or time poorly does not acknowledge or act on attendance issues (e.g. does not announce if key team members are absent and/or defer decisions if meeting is not quorate) fails to ensure recommendations are clear and/or consensual in many cases
TEAMWORKING AND CULTURE	<p>The team always displays acceptable team behaviour including:</p> <ul style="list-style-type: none"> respect, equality/ inclusiveness of discussion no inter-personal conflict evident/or effective conflict management takes place 		<ul style="list-style-type: none"> The team displays a few minor instances of unacceptable team behaviour The behaviour is not sustained and do not appear to impact on the whole meeting 		<ul style="list-style-type: none"> The team displays clear/repeated instances of unacceptable team behaviour The behaviour is sustained and/or appears to impact on the whole meeting.

Figure 2. Variation in MDT performance by domain of teamworking

