

ICC REGULATIONS FOR THE REVIEW OF BOWLERS REPORTED WITH SUSPECTED ILLEGAL BOWLING ACTIONS

DEFINITIONS

In these Regulations the following words and phrases have the following meanings:

Accredited Testing Centre means any laboratory or testing centre accredited from time to time by the ICC to conduct analysis of the bowling action of cricketers pursuant to the ICC Standard Analysis Protocols.

Appointed Specialist as defined in paragraph 2.2.4 below.

Event(s) means the ICC U19 Cricket World Cup, the ICC Cricket World Cup Qualifier and the ICC World Twenty20 Qualifier.

Event Panel as defined in paragraph 4.1 below.

Event Panel Assessment as defined in paragraph 4.5.4 below.

Expert Panel as defined in paragraph 3.2.1 below.

Expert Panel Assessment as defined in paragraph 3.2.6 below.

ICC Panel of Human Movement Specialists as defined in paragraph 2.2.2 below.

ICC Standard Analysis Protocols means the Standardised Protocol for the Assessment of Suspected Illegal Bowling Actions, as may be amended from time to time, which sets out the test methods and protocols developed for and on behalf of the ICC to analyse the bowling action of cricketers, a summary of which is set out in Annexure 1 hereto.

Independent Assessment as defined in paragraph 2.2.1 below.

Independent Assessment Report as defined in paragraph 2.2.9 below.

International Cricket as defined in paragraph 1.1.1 below.

Home Board means the national board or association that the Player plays for when representing his country at cricket.

Host Country means the country in which the relevant Match takes place.

Illegal Bowling Action means a bowling action that contravenes Law 24.2 (as read with Law 24.3) of the Laws of Cricket.

Match means a match defined as International Cricket in accordance with paragraph 1.1.1 below.

Match Officials' Report as defined in paragraph 2.1.1 below.

Match Referee means the referee appointed for the relevant Match.

Notice of Appeal as defined in paragraph 2.6.1 below.

Notice of Review as defined in paragraph 2.3.1 below.

Player(s) means a cricketer who participates or has participated in International Cricket.

Umpire means the umpire appointed for the relevant Match.

1 INTRODUCTION

1.1 These Regulations:

1.1.1 Detail the process for dealing with Players suspected of bowling in a manner that constitutes an Illegal Bowling Action in any of the following Matches (collectively defined as International Cricket):

- a) Tests, One Day and Twenty20 Internationals (Men's and Women's); and
- b) Matches that form part of the following ICC Events (Men's and Women's) (whether or not such Match also constitutes a One Day or Twenty20 International):

ICC U19 Cricket World Cup, ICC World Cricket League Championship, ICC Cricket World Cup Qualifier, ICC World T20 Qualifier, ICC U19 Cricket World Cup Global Qualifier, ICC Intercontinental Cup and any other event organised or sanctioned by the ICC from time to time to which the ICC deems it appropriate that these Regulations should apply;

1.1.2 Provide for an additional mechanism for the reporting of Players suspected of bowling in a manner which constitutes an Illegal Bowling Action at the ICC U19 Cricket World Cup, the ICC Cricket World Cup Qualifier and the ICC World Twenty20 Qualifier; and

1.1.3 Provide for certain minimum requirements to be followed by ICC Members relating to Players suspected of bowling in a manner that constitutes an Illegal Bowling Action in their domestic matches.

1.2 Nothing contained herein shall override an Umpire's responsibility and discretion to apply Law 24 of the Laws of Cricket.

2 TESTS, ONE-DAY AND TWENTY20 INTERNATIONALS

If in a Match as set out in paragraph 1.1.1(a) above, a Player is called by an Umpire under the provisions of Law 24.2 or is suspected by an Umpire or the Match Referee of bowling with an Illegal Bowling Action, the following procedure shall apply.

***Note:** Umpires and Match Referees, in deciding whether to cite a Player under these Regulations, should use the naked eye viewing the action live and/or on television at normal speed. Slow motion television replays should only be used to confirm initial suspicions.*

2.1 Reporting Procedure

2.1.1 At the conclusion of the relevant Match, the Umpire(s) and/or Match Referee shall write a report using the template ICC Match Officials Report of Suspected Illegal Bowling Action form, as amended from time to time, (the **Match Officials' Report**) detailing their concerns about the bowling action of the relevant Player including, where relevant, whether those concerns relate to the Player's bowling action generally or whether they relate to one or more specific types of delivery.

2.1.2 If the Match Officials' Report is written by the Umpires it shall be passed to the Match Referee.

2.1.3 Within 24 hours of the conclusion of the Match in which the Player is reported, the Match Referee shall furnish the Player's team manager and the ICC with a copy of the Match Officials' Report.

- 2.1.4 Once the Player's team manager and the ICC have been furnished with a copy of the Match Officials' Report and within 24 hours thereof, the Match Referee, through the ICC, shall make a media statement to the effect that the Player has been reported as having a suspected Illegal Bowling Action and that he will be subject to the ICC review process as set out herein.
- 2.1.5 If the Match is a televised Match, upon receipt of the Match Officials' Report from the Match Referee, the ICC shall immediately write to the Player's Home Board confirming that the Player has been reported for a suspected Illegal Bowling Action, and enclosing the Match Officials' Report, and shall, as soon as possible, provide details to the Player's Home Board of the link at which a copy of the television footage of the bowling spells of the Player in the relevant Match can be downloaded. If no television footage is available, upon receipt of the Match Officials' Report from the Match Referee, the ICC shall immediately write to the Player's Home Board confirming that the Player had been reported for a suspected Illegal Bowling Action and enclosing the relevant Match Officials' Report.

2.2 ICC Independent Assessment

- 2.2.1 If a Player is reported in accordance with paragraph 2.1.1 above, he shall be required to submit to an independent analysis of his bowling action (the **Independent Assessment**) carried out as follows:
- 2.2.2 The ICC shall appoint on an annual basis a panel of human movement specialists (the **ICC Panel of Human Movement Specialists**) for the purposes of these Regulations.
- 2.2.3 The members of the ICC Panel of Human Movement Specialists shall have the credentials, equipment and access to ICC Accredited Testing Centres necessary to conduct analysis of the bowling actions of Players in accordance with the ICC Standard Analysis Protocols.
- 2.2.4 The Independent Assessment shall be carried out by a member of the ICC Panel of Human Movement Specialists (the **Appointed Specialist**) appointed by the ICC in its sole discretion who shall be, unless exceptional circumstances exist, from a country other than that of the Player. The Independent Assessment will take place at one of the ICC Accredited Testing Centres, appointed by the ICC in consultation with the Player's Home Board. For the avoidance of doubt, each Accredited Testing Centre is fully independent of the ICC and therefore, unless exceptional circumstances exist, a Player may be sent for an Independent Analysis to an Accredited Testing Centre located within his/her own country.

***Note:** When appointing an Appointed Specialist or an Accredited Testing Centre, where at all possible, the ICC's preference will be to test the Player at an Accredited Testing Centre in a country other than his own country, and for the assessment to be conducted by an Appointed Specialist from a country other than the Player's. However, the ICC acknowledges that in exceptional circumstances, for example, due to the unavailability of Appointed Specialists or an Accredited Testing Centre, or during an ICC Event, it may be necessary for the assessment to be conducted by an Appointed Specialist from the Player's home country, or at an Accredited Testing Centre in the Player's home country.*

- 2.2.5 The Independent Assessment shall be carried out as soon as reasonably possible and, unless exceptional circumstances exist, within 14 days of receipt by the Player's Home Board of the notice referred to in paragraph 2.1.5 above. See paragraph 2.2.16 below for Players reported during ICC Events.
- 2.2.6 The Independent Assessment shall be carried out in accordance with the ICC Standard Analysis Protocols and shall take into account the Match Officials' Report. During the Independent Assessment, the Player shall be required to replicate the specific bowling action for which he/she was reported. If the Player expresses any concern or complaint regarding the circumstances or conduct of the Independent Assessment, he should make these known to the Appointed Specialist before the conclusion of the Independent Assessment. The Appointed Specialist should make a written note of the relevant concern or complaint, which should be agreed with the Player.
- 2.2.7 The ICC shall be responsible for determining the date and time at which the Independent Assessment shall be carried out and shall ensure that the Player, through the Player's Home Board, is given reasonable notice thereof. All travel and accommodation arrangements shall be made by the ICC in consultation with the Player's Home Board.
- 2.2.8 In the event of the Player failing to submit to the Independent Assessment within the 14 day deadline referred to in paragraph 2.2.5 above by reason of any action, inaction or otherwise of the Player (including injury), he shall be immediately suspended from bowling in International Cricket until such time as he submits to an Independent Assessment which concludes that he bowls with a legal action. For the avoidance of doubt, if the Independent Assessment does not take place within the 14 day deadline by reason of any action, inaction or otherwise of the ICC, the Player shall not be suspended pursuant to this paragraph 2.2.8.
- 2.2.9 As soon as reasonably possible and, unless exceptional circumstances exist, at the latest within 10 days of the date on which the Independent Assessment was carried out, the Appointed Specialist shall furnish the ICC with a written report (hereinafter referred to as the **Independent Assessment Report**) in the form prescribed by the ICC. Where the Independent Assessment concludes that the Player employed an Illegal Bowling Action during the Independent Assessment, it should indicate in the Independent Assessment Report whether the Player employed an Illegal Bowling Action generally or in respect of specific type(s) of delivery only and whether, in the Appointed Specialist's opinion, such conclusion is not inconsistent with the relevant video evidence. If the Independent Assessment Report indicates that the Player employed an Illegal Bowling Action in respect of specific type(s) of delivery only, it should specify which deliveries were found to be illegal and differentiate between the Player's stock delivery and other deliveries. Where the Independent Assessment concludes that the Player did not employ an Illegal Bowling Action during the Independent Analysis, it should, where relevant, indicate in the Independent Assessment Report whether, in the opinion of the Appointed Specialist, the Player's bowling action during the Independent Assessment was materially different to

his action in the Match in respect of which he was cited (whether generally or in respect of the specific type(s) of delivery (if any) identified in the Match Officials' Report). The Independent Assessment Report should also include any notes of concerns or complaints of the Player made under paragraph 2.2.6 above. See paragraph 2.2.16 below for Players reported during ICC Events.

- 2.2.10 Immediately upon receipt of the Independent Assessment Report by the ICC, the ICC Senior Cricket Operations Manager will send the Independent Assessment Report to at least one member of the ICC Panel of Human Movement Specialists (who has not had any prior involvement with the case) for review and validation.
- 2.2.11 Immediately upon receipt of the validated Independent Assessment Report, the ICC shall furnish the Player's Home Board with a copy thereof.
- 2.2.12 Subject to paragraph 2.2.13 below, in the event that the Independent Assessment concludes either that (i) the Player employed an Illegal Bowling Action in respect of his stock delivery during the Independent Assessment and that such conclusion is consistent with the relevant video footage or that (ii) the Player's bowling action during the Independent Analysis was materially different to his action in the Match in respect of which he was reported, the Player shall immediately be suspended from bowling in International Cricket until such time as he has submitted to a further Independent Assessment in accordance with the provisions set out in paragraph 2.4 below, and in which further Independent Assessment it is concluded that he has remedied his action. The suspension shall become operative from the date of receipt by the Player's Home Board of a copy of the Independent Assessment Report in accordance with paragraph 2.2.11 above.

Note: The ICC Standard Analysis Protocols contains reference to a level of acceptable elbow extension. Should the Independent Assessment conclude that the Player's bowling action exhibits a degree of elbow extension of the bowling arm higher than the said acceptable level, the action of the Player shall be deemed to be an Illegal Bowling Action. It should be noted that in order for the Player's bowling action to be classified as a legal action, the degree of elbow extension recorded for each and every delivery must be within the level of acceptable elbow extension.

- 2.2.13 In circumstances where the Independent Assessment concludes that the Player employed an Illegal Bowling Action during the Independent Assessment in respect of a specific type of delivery only, other than his stock delivery, the Player will be allowed to continue bowling in International Cricket but subject to the warning that should he continue to bowl any of the specific type(s) of delivery for which he has been found to have an Illegal Bowling Action, he will run the risk of being cited a second time.

In these circumstances a further report resulting in an Independent Assessment concluding that the Player has employed an Illegal Bowling Action for any type of delivery will result in the immediate suspension of the Player from bowling in International Cricket and such suspension shall be considered a second suspension under the provisions of paragraph 2.5 below.

- 2.2.14 Subject to the provisions of paragraph 2.2.8 above, throughout the period up to the date of receipt by the Player's Home Board of the Independent Assessment Report, the Player shall be permitted to continue bowling in International Cricket. At any time throughout this period the Player is subject to being called on the field by the Umpire(s) in accordance with Law 24.2 and the consequences of such Law must apply. During this period a further Match Officials' Report will, however, have no consequence.
- 2.2.15 The results of any Independent Assessment conducted by an Accredited Testing Centre in accordance with the ICC Standard Analysis Protocols are deemed to be scientifically valid and reliable. As such, a Player shall not be entitled to appeal the scientific findings of the Independent Assessment. However, in circumstances where the Player contends that the ICC has not followed its own procedures under these Regulations in the lead up to and/or during an Independent Analysis, the Player shall be entitled to seek a review of the procedural aspects of his case by a Judicial Commissioner, in accordance with paragraph 2.3 below.
- 2.2.16 In the event of a Player being reported during a Match in any of the ICC Cricket World Cup (Men's or Women's), ICC World T20 (Men's or Women's), or ICC Champions Trophy the Independent Assessment shall be carried out and the Independent Assessment Report furnished on an expedited basis. In this respect, every reasonable effort shall be made for the Independent Assessment to be carried out and the Independent Assessment Report furnished within a period of 7 days from the date of receipt of the Match Officials' Report.

2.3 Judicial Commissioner Review

- 2.3.1 A Player seeking a review of any procedural aspect of his case pursuant to paragraph 2.2.15 above shall lodge written notice thereof with the ICC's General Counsel (with a copy to the ICC's General Manager - Cricket) within 7 days receipt by the Player's Home Board of the Independent Assessment Report (the **Notice of Review**). The Notice of Review shall include a written statement setting out, in detail, the grounds for the review of the decision, together with any documents that the Player wishes to rely on in support of the review.
- 2.3.2 Upon receipt of a Notice of Review, the ICC's General Counsel shall, as soon as reasonably practicable, appoint one member of the ICC's Code of Conduct Commission, who is from a country other than that of the Player to act as the Judicial Commissioner, to hear the case, sitting alone.
- 2.3.3 The procedure for the review (including whether to convene a hearing or, alternatively, to determine the matter, or any part thereof, by way of written submissions alone) shall be at the discretion of the Judicial Commissioner, provided that the review is conducted in a manner that affords the Player a fair and reasonable opportunity to present evidence (including the right to call and question witnesses by telephone or video-conference where necessary), address the Judicial Commissioner and present his case. During the process the Player shall be entitled to a representative, who shall be entitled to attend any hearing.

- 2.3.4 In circumstances where the Judicial Commissioner determines that a hearing should be held, the Player shall attend the hearing. The ICC shall be responsible for making the necessary arrangements for the hearing and shall ensure that the Player, through the Player's Home Board, is given reasonable notice thereof. However, if the Player has received notice of the hearing and fails to attend the hearing, the hearing may at the absolute discretion of the Judicial Commissioner, proceed in the absence of the Player.
- 2.3.5 The Judicial Commissioner may, at any time during the process and at his sole discretion, seek expert advice, at the ICC's cost, from a human movement specialist, including a member of the ICC Panel of Human Movement Specialists, to assist him in his deliberations.
- 2.3.5 The Judicial Commissioner shall decide whether or not the Player's challenge to the procedure should be upheld and, if so, what the consequences, if any, are of that decision, which may include, without limitation, upholding the Player's review and, where the Judicial Commissioner considers that such procedural defect is of such a serious nature that it materially affected the outcome of the Independent Assessment and thus the results cannot be considered reliable, overturning the results of the Independent Assessment. The Judicial Commissioner must, in each case, set out the reasons why the decision has been reached, including a summary of the evidence on which the decision was based.
- 2.3.6 The ICC will communicate the decision of the Judicial Commissioner in writing to the Player, through his Home Board, within 48 hours of the receipt of the Judicial Commissioner's decision.
- 2.3.7 Subject to the right of the Player to re-assessment in accordance with paragraph 2.4 below, the decision of the Judicial Commissioner shall be final and binding.

2.4 Re-assessment of Player's bowling action

- 2.4.1 Subject to the provisions of paragraph 2.5 below, a Player who has been suspended from bowling in International Cricket under these Regulations, may, at any time following appropriate remedial work, apply to the ICC for a re-assessment of his bowling action.
- 2.4.3 Such re-assessment shall be carried out in the same manner as the Independent Assessment referred to in paragraph 2.2 above save that the Player shall be required to identify, prior to the re-assessment, the specific types of delivery which he wishes to bowl during the re-assessment and in International Cricket thereafter.
- 2.4.4 In the event of such re-assessment concluding that the Player has remedied his bowling action and that his bowling action is no longer an Illegal Bowling Action the Player's suspension shall be lifted and he shall be permitted to resume bowling in International Cricket forthwith, save that only those deliveries recorded as legal following the re-assessment will be the types of delivery that the Player will be permitted to bowl when he resumes bowling.
- 2.4.5 The Independent Assessment Report resulting from the re-assessment will stand in the place of the original Independent Assessment Report, and the provisions of paragraphs 2.2.10, 2.2.11, 2.2.12, 2.2.13 and 2.2.15 and paragraph 2.3 will apply in respect of it.

2.5 Second and further reports

- 2.5.1 In the event of a Player being suspended from bowling in International Cricket under these Regulations for a second time within a period of 2 years from the date of the commencement of the first period of suspension, the Player shall be automatically suspended from bowling in International Cricket for a minimum period of 1 year.
- 2.5.2 Only after the expiry of this 1 year period will the Player be entitled to approach the ICC for a re-assessment of his action in accordance with paragraph 2.4 above (see also paragraph 2.2.13 above).
- 2.5.3 The Player shall be entitled to appeal any procedural aspect of an Independent Assessment that leads to an automatic suspension of a minimum of 1 year in accordance with paragraph 2.5.1 above to an Appeal Commissioner in accordance with paragraph 2.6 below.

2.6 Appeal

- 2.6.1 A Player seeking to appeal any procedural aspect of an Independent Assessment which led to an automatic suspension of a minimum of 1 year in accordance with paragraph 2.5.3 above to an Appeal Commissioner shall lodge with the ICC's General Counsel (with a copy of the ICC's General Manager – Cricket) written notice thereof within 14 days of the date of receipt by the Player's Home Board of the Independent Assessment in accordance with paragraph 2.2.11 (the **Notice of Appeal**).
- 2.6.2 Upon receipt of a Notice of Appeal, the ICC shall, as soon as reasonably practicable, appoint one member of the ICC's Code of Conduct Commission, who is from a country other than that of the Player, to act as the Appeal Commissioner to hear the case, sitting alone.
- 2.6.3 The procedure for the appeal (including whether to convene the hearing by telephone or video conference or to hear the appeal by way of written submissions alone, and to admit evidence in any form) shall be at the discretion of the Appeal Commissioner, provided that the appeal is conducted in a manner that affords the Player a fair and reasonable opportunity to present evidence (including the right to call and question witnesses by telephone or video conference), address the Appeal Commissioner and present his/her case.
- 2.6.4 In circumstances where the Appeal Commissioner determines that a hearing should take place, the Player shall attend the hearing. The ICC shall be responsible for making the necessary arrangements for the hearing and shall ensure that the Player, through the Player's Home Board, is given reasonable notice thereof. However, if the Player has received proper notice of the hearing and fails to attend the hearing, the hearing may, at the absolute discretion of the Appeal Commissioner, proceed in the absence of the Player.
- 2.6.5 The Player shall be entitled to a representative who shall be permitted to attend the hearing.
- 2.6.6 The Appeal Commissioner may, at any time during the process and at his sole discretion, seek expert advice, at the ICC's cost, from a human movement specialist, including a member of the ICC Panel of Human Movement Specialists, to assist him in his deliberations.

- 2.6.7 The Appeal Commissioner shall determine whether or not the Player's appeal to the procedure should be upheld and, if so, what the consequences, if any, are of that decision, which may include, without limitation, upholding the Player's appeal and, where the Appeal Commissioner considers that such procedural defect is of such a serious nature that it materially affected the outcome of the Independent Assessment and thus the results cannot be considered reliable, overturning the results of the Independent Assessment. The Appeal Commissioner must, in each case, set out the reasons why the decision has been reached, including a summary of the evidence on which the decision was based.
- 2.6.8 The ICC will communicate the decision of the Appeal Commissioner in writing to the Player, through his Home Board, within 48 hours of receipt of the Appeal Commissioner's decision.
- 2.6.9 Subject to the right of the Player to re-assessment in accordance with paragraph 2.5 above, the decision of the Appeal Commissioner shall be final and binding.

2.7 Costs

- 2.7.1 The ICC will be responsible for the costs of the Independent Assessment as well as the costs, if any, of the hearing before the Judicial Commissioner and/or the Appeal Commissioner, including the costs incurred by the Player to attend thereat.
- 2.7.2 The Player and/or his Home Board shall be responsible for the payment of any costs of representation of the Player and for any subsequent re-assessments carried out at the Player's request.

3 MATCHES OTHER THAN TESTS, ONE-DAY AND TWENTY20 INTERNATIONAL MATCHES

If in a Match as set out in paragraph 1.1.1 (b) above other than a Match forming part of an Event for which purposes paragraph 4, below shall apply, a Player is called by an Umpire under the provisions of Law 24.2 or is suspected by an Umpire or Match Referee of bowling with an Illegal Bowling Action, the following procedure shall apply.

Note: Umpires and Match Referees, in deciding whether to cite a Player under these Regulations, should use the naked eye viewing the relevant Player's bowling action live. Slow motion video footage should only be used to confirm initial suspicions.

3.1 Reporting procedure

- 3.1.1 At the conclusion of the relevant Match, the Umpire(s) and/or Match Referee shall write a Match Officials' Report detailing their concerns about the bowling action of the relevant Player, including, where relevant, whether those concerns relate to the Player's bowling action generally or whether they relate to one or more specific types of delivery.
- 3.1.2 If the Match Officials' Report is written by the Umpire(s) it shall be passed to the Match Referee.
- 3.1.3 Within 48 hours of the conclusion of the Match in which the Player is reported, the Match Referee shall furnish the Player's team manager and the ICC with a copy of the Match Officials' Report.

- 3.1.4 Once the Player's team manager and the ICC have been furnished with a copy of the Match Officials' Report and within 24 hours thereof, the Match Referee, through the ICC, shall make a media statement to the effect that the Player has been reported and that he will be subject to the ICC review process as set out herein.
- 3.1.5 Upon receipt of the Match Officials' Report from the Match Referee, the ICC shall immediately write to the Player's Home Board confirming that the Player has been cited for a suspected Illegal Bowling Action, enclosing a copy of the Match Officials' Report and informing the Player's Home Board that the Player's action will be reported to the ICC's Expert Panel for analysis. If the Match in which the Player was reported was televised, the ICC shall, as soon as possible, provide details to the Player's Home Board of the link at which a copy of the television footage of the bowling spells of the Player in the relevant Match can be downloaded. If no television footage is available, to assist with the Expert Panel's review, the Player's Home Board will be required to arrange for all of the Player's bowling spells in his next Match or domestic match (whichever is the earlier) to be filmed in the manner prescribed by the ICC from time to time, and shall submit that footage to the ICC within 48 hours of the relevant Match.
- 3.1.6 In circumstances where the relevant Match was not televised, where the Player's Home Board fails to furnish the footage of the Player's next match, whether international or domestic, within the period prescribed in paragraph 3.1.5 above and remains in default of this provision despite notice by ICC requiring the Home Board to comply with this provision in respect of the Player's immediately following match, whether international or domestic, within 48 hours of the Player's next match, the Player shall automatically be suspended from bowling in International Cricket from the date of expiry of such notice period until such time as the Player submits himself to a review of his bowling action by an Expert Panel, with the precise terms of such review to be determined by the Expert Panel in their sole discretion.

3.2 Expert Panel Analysis

- 3.2.1 If a Player is reported in accordance with paragraph 3.1.1 above, the Report and his action shall be referred to a panel of two members of the ICC Panel of Human Movement Specialists (the **Expert Panel**) for their review of the Player's bowling action.
- 3.2.2 The Expert Panel shall be appointed by the ICC General Manager – Cricket within 48 hours of receipt of the report. The members of the Expert Panel shall be from countries other than the country that the Player represents in International Cricket.
- 3.2.3 In order to conduct their review, the Expert Panel will review either the television footage of the Match in which the Player was reported or the footage that is provided by the Player's Home Board in accordance with paragraph 3.1.5 above (as applicable) in order to determine (unanimously) whether the Player bowls with an illegal bowling action or not.
- 3.2.4 The Expert Panel shall carry out its review (whether in person or via telephone or video-conference) as soon as reasonably possible and, unless exceptional circumstances exist, within 7 days of either (a) in the case of a televised Match, receipt by the Player's Home Board of the notice referred to in paragraph 3.1.5 above, or (b) the ICC's receipt of the footage from the Player's Home Board in accordance with paragraph 3.1.5 above.

- 3.2.5 In conducting its review and considering the footage of the Player, the Expert Panel should, as a minimum, make a genuine effort to assess the legality of the Player's bowling action taking into account the provisions of Law 24.3 and using the experience and technical expertise of the persons appointed to conduct the review.
- 3.2.6 The Expert Panel shall furnish a written report to the ICC's Senior Cricket Operations Manager (the **Expert Panel Assessment**), unless exceptional circumstances exist, within 14 days of either (a) in the case of a televised Match, receipt by the Player's Home Board of the notice referred to in paragraph 3.1.5 above, or (b) receipt of the match footage provided by the Home Board pursuant to paragraph 3.1.5 above. Upon receipt of the Expert Panel Assessment, the ICC's Senior Cricket Operations Manager shall immediately write to the Player's Home Board enclosing a copy of the Expert Panel Assessment and confirming the outcome thereof.
- 3.2.7 Where the Expert Panel Assessment concludes that the Player employs a legal bowling action, the Player shall be permitted to continue bowling in International Cricket.
- 3.2.8 Where the Expert Panel Assessment concludes that the Player employs an Illegal Bowling Action, the Player shall be immediately suspended from bowling in any International Cricket until such time as either (a) the Player submits himself to a review of his bowling action by a further Expert Panel (the precise terms of which to be determined by the Expert Panel in their sole discretion) which concludes that he has remedied his action, or (b) the Player, at his or his Home Board's own cost, submits himself to an Independent Assessment conducted by an Appointed Specialist at an ICC Accredited Testing Centre pursuant to the ICC Standard Analysis Protocols which concludes that he has remedied his action.
- 3.2.9 Where the Expert Panel Assessment concludes that the Player employs an Illegal Bowling Action, if the Player or his Home Board disputes that finding, the Player and/or his Home Board shall so notify the ICC's Senior Cricket Operations Manager within 7 days of receipt by the Player's Home Board of the Expert Panel Assessment and notify him that consequently the Player will submit himself as soon as practicable, at his or his Home Board's cost, to an Independent Assessment conducted by an Appointed Specialist at an ICC Accredited Testing Centre. If the result of such Independent Assessment concludes that the Player employs a legal bowling action, (a) his suspension from bowling in International Cricket shall be immediately lifted and he shall be entitled to resume bowling in International Cricket and (b) the costs of such Independent Analysis incurred by the Player or his Home Board, including the costs incurred by the Player to attend, will be reimbursed by the ICC to the Player's Home Board upon production of valid receipts. If the result of such Independent Assessment concludes that the Player employs an Illegal Bowling Action, the suspension imposed pursuant to paragraph 3.2.8 shall remain in force.
- 3.2.10 Subject to the provisions of paragraph 3.1.6 above, throughout the period up to the date of receipt of the Expert Panel Assessment, the Player shall be permitted to continue bowling in International Cricket. At any time throughout this period the Player is subject to being called on the field by the Umpire(s) in accordance with Law 24.2 and the consequences of such Law must apply. During this period a further Match Officials' Report will however have no consequence.

3.3 Second and further reports

- 3.3.1 In the event of a Player being suspended from bowling in International Cricket under these Regulations for a second time within a period of 2 years from the date of the commencement of the first period of suspension, the Player shall automatically be suspended from bowling in International Cricket for a minimum period of 1 year.
- 3.3.2 Upon the expiry of the 12 months suspension referred to in paragraph 3.3.1 above, the Player shall be automatically eligible to bowl in International Cricket and now application for re-assessment shall be necessary.
- 3.3.3 The Player shall be entitled to appeal the automatic suspension to the Appeal Commissioner and the provisions of paragraph 2.6 above shall apply, mutatis mutandis, to any such appeal. In such case, all costs of the Appeal Commissioner and any associated hearing shall be for the account of the Player's Home Board.

3.4 Costs

The Player's Home Board shall be responsible for the costs of (a) filming and producing the match footage required pursuant to paragraph 3.1.5 above (where applicable), (b) the Expert Panel Analysis, which costs shall include the reasonable accommodation and travel costs (if any) of the members of the Expert Panel as well as the professional fees of the human movement specialists, and (c) subject to paragraph 3.2.9, the costs of an Independent Assessment conducted pursuant to paragraph 3.2.8 above.

4 ICC U19 CRICKET WORLD CUP, ICC CRICKET WORLD CUP QUALIFIER AND ICC WORLD TWENTY20 QUALIFIER

- 4.1 The ICC shall appoint an event bowling action review panel (the **Event Panel**) to attend each ICC U19 Cricket World Cup, ICC Cricket World Cup Qualifier and ICC World Twenty20 Qualifier (each an **Event**).
- 4.2 The Event Panel shall be appointed by the ICC in advance of the relevant Event and shall consist of two members. The members of the Event Panel shall be drawn from any one or more of the following: the ICC Panel of Human Movement Specialists, the ICC's High Performance Manager or any other independent persons with the relevant area of expertise as may be required in the opinion of the ICC General Manager - Cricket.
- 4.3 If in a Match forming part of an Event, a Player is called by an Umpire under the provisions of Law 24.2 or is suspected by an Umpire or Match Referee of bowling with an Illegal Bowling Action, the following procedure shall apply.

Note: The Event Panel (and Match Officials), in deciding whether to cite a Player as set out above, should use the naked eye viewing the action live and/or on television at normal speed. Slow motion television replays should only be used to confirm initial suspicions.

4.4 Reporting Procedure

- 4.4.1 At the conclusion of the relevant Match in the Event, the Umpire(s) and/or Match Referee shall write a Match Officials' Report detailing their concerns about the bowling action of the relevant Player, including, where relevant, whether those concerns relate to the Player's bowling action generally or whether they relate to one or more specific types of delivery.
- 4.4.2 If the Match Officials Report is written by the Umpires it shall be passed to the Match Referee.
- 4.4.3 Within 24 hours of the conclusion of the Match in which the Player is reported, the Match Referee shall furnish the Player's team manager and the ICC with a copy of the Match Officials Report. At the same time the ICC will furnish a copy of the Match Officials Report to the Event Panel for analysis. If the Match in which the Player was reported was televised, the ICC shall, as soon as possible, provide details to the Player's Home Board and the Event Panel of the link at which a copy of the television footage of the bowling spells of the Player in the relevant Match can be downloaded. If no television footage is available, the Event Panel shall make arrangements to video record the Player's bowling spells in the next Match(es) in the Event in which he participates. In addition, even where television footage of the Match in which the Player was reported is available, the Event Panel may, in their ultimate discretion, make arrangements to video record the Player's bowling spells in the next Match(es) in the Event in which he participates to assist them in their analysis. Copies of any footage collated by the Event Panel pursuant to this paragraph 4.4.3 shall be made available to the Player's Home Board by the ICC via a download link, unless exceptional circumstances exist, as soon as reasonably practicable.
- 4.4.4 Once the Player's team manager and the ICC have been furnished with a copy of the Match Officials Report and within 24 hours thereof, the Match Referee, through the ICC, shall make a media statement to the effect that the Player has been reported as having a suspected Illegal Bowling Action and that he will be subject to the ICC review process set out herein.

4.5 Event Panel Analysis

- 4.5.1 In order to conduct their analysis, the Event Panel will review either the televised footage of the Match in which the Player was reported, if available, and/or the footage of the Player's bowling action that they have collated themselves in order to determine (unanimously) whether the Player bowls with an illegal bowling action or not.
- 4.5.2 The Event Panel shall carry out its review as soon as reasonably possible and, unless exceptional circumstances exist, within 3 days of receipt by them of the Match Officials Report.
- 4.5.3 In conducting its review and considering the footage of the Player, the Event Panel should, as a minimum, make a genuine effort to assess the legality of the Player's bowling action taking into account the provisions of Law 24.3 and using the experience and technical expertise of the persons appointed to the Event Panel.

- 4.5.4 The Event Panel shall furnish a written report to the ICC's Senior Cricket Operations Manager (the **Event Panel Assessment**), unless exceptional circumstances exist, within 7 days of receipt by them of the Match Officials Report. Upon receipt of the Event Panel Assessment, the ICC's Senior Cricket Operations Manager shall immediately write to the Player's Home Board enclosing a copy of the Event Panel Assessment and confirming the outcome thereof.
- 4.5.5 Where the Event Panel concludes that the Player employs a legal bowling action, the Player shall be permitted to continue bowling in International Cricket.
- 4.5.6 Where the Event Panel concludes that the Player employs an Illegal Bowling Action, the Player shall be immediately suspended from bowling in any International Cricket until such time as the Player, at his or his Home Board's cost, submits himself to an Independent Assessment conducted by an Appointed Specialist at an ICC Accredited Testing Centre pursuant to the ICC Standard Action Protocols which concludes that he has remedied his action.
- 4.5.7 Throughout the period up to the date of receipt of the Event Panel Assessment, the Player shall be permitted to continue bowling in International Cricket. At any time throughout this period the Player is subject to being called on the field by the Umpire(s) in accordance with Law 24.2 and the consequences of such Law must apply. During this period a further Match Officials Report will however have no consequence.

5 ICC MEMBER BOARDS POLICY

Each ICC Member Board shall formulate and implement a policy and strategy to deal with players with suspected Illegal Bowling Actions in its domestic cricket. It is the responsibility of Member Boards to ensure that bowlers with suspect bowling action are closely monitored and scrutinised before being picked to represent the Member Board in International Cricket.

6 RECOGNITION OF DECISIONS

- 6.1 A Player who has been suspended from bowling in International Cricket under these Regulations shall be permitted under the supervision and with the consent of his Home Board to continue to play domestic cricket. In circumstances where a suspended Player is seeking to play in domestic cricket events under the jurisdiction of another Member Board, the consent of that Member Board should also be obtained prior to the Player participating in such Matches.
- 6.2 In circumstances where a Home Board suspends a Player from bowling in domestic cricket under its own rules, where such suspension is imposed on the basis of an analysis of the respective Player conducted by one of the ICC Accredited Testing Centres and in accordance with the ICC Standard Analysis Protocols, such suspension shall be respected and enforced by the ICC in International Cricket and all National Cricket Federations in respect of domestic cricket under their jurisdiction automatically upon receipt of notice of the same, without the need for any further formality. Each of the ICC and its National Cricket Federations shall take all steps legally available to it to enforce and give effect to such decisions.

- 6.3 Where a Player is suspended from bowling in domestic cricket under the rules of a Home Board and subsequently is deemed by his/her Home Board to have a legal action following remedial work and thus permitted to resume bowling domestically, where that Player has been allowed to resume bowling on the basis of a re-test conducted at an ICC Accredited Test Centre using the ICC Standard Analysis Protocols, such decision to allow the Player to resume bowling domestically shall be respected and enforced by the ICC in International Cricket and all National Cricket Federations in respect of domestic cricket under their jurisdiction automatically upon receipt of notice of the same, without the need for any further formality. Each of the ICC and its National Cricket Federations shall take all steps legally available to it to enforce and give effect to such decisions.

7 ICC ILLEGAL BOWLING ACTIONS DATABASE

The ICC shall be responsible for maintaining a database in which the names of all Players cited under these Regulations and the details and status of any Analysis and Assessments carried out in consequence thereof are recorded.

19 April 2015

ANNEXURE 1

ICC Standard Analysis Protocols

Biomechanical Analysis of a Bowling Action

INTRODUCTION

The following sets out, in summary form, the procedure that shall apply in circumstances where a Player is required to submit to assessment of his bowling action at an ICC Accredited Testing Centre using the ICC Standard Analysis Protocols (the Independent Assessment).

INDEPENDENT ANALYSIS

- 1 The assessment of a Player's bowling action will be completed in one day.
- 2 ICC Accredited Testing Centres will conduct the Independent Assessment and the testing teams used in such Independent Assessment will include the Appointed Specialist. As at the date of writing, the ICC Accredited Testing Centres are currently:
 - Cardiff Metropolitan University, Wales, UK
 - Loughborough University, Leicestershire, UK
 - Sri Ramachandra University, Chennai, India
 - The National Cricket Centre, Brisbane, Australia
 - The University of Pretoria, Hatfield, South Africa

Additional testing centres may be accredited by the ICC from time to time.

As at the date of writing, the ICC Panel of Human Movement Specialists, from which Appointed Specialists are appointed, consists of:

- Dr Craig Ranson
- Dr Andrea Cutti
- Mr Anees Sayed
- Dr Luke Kelly
- Dr Mark King
- Dr Helen Bayne

Additional human movement specialists may be appointed to the ICC Panel of Human Movement Specialists by the ICC from time to time.

- 3 3D motion analysis cameras and high-speed video cameras will be used to capture data on the Player's action.
- 4 Prior to the assessment the Player will:
 - a Be provided with an explanation of the testing protocol
 - b Have details such as their age, height, weight, injury status, bowling arm and bowling style, recorded
 - c Undergo a short assessment for joint hypermobility (Beighton scale)

- d Have the bowling arm exposed (bare torso for males and sports bra for females) and skin prepared for attaching a set of markers (this may involve shaving of some areas)
 - e Placement of the marker set on the bowling arm and torso
 - f Have photographs taken of the marker placement
 - g Have the opportunity to present any medical and/or scientific information relevant to the assessment to the Appointed Specialist.
- 5 The data collection and camera system will be calibrated by the use of ICC supplied calibration tools, and by the Player performing a series of shoulder and arm movements before and after bowling. The calibration movement protocol can take approximately 20 minutes.
 - 6 Prior to bowling action data collection, the Player will complete their normal pre-bowling warm-up routine including as many warm-up deliveries as they require.
 - 7 Under normal circumstances the assessment will be conducted indoors with a full run-up and a correct length cricket pitch provided for the Player.
 - 8 During the assessment a medium fast/fast bowler will be required to bowl a minimum of 6 good line and length deliveries, 6 yorkers and 6 bouncers, along with any other variations they usually bowl or that have been reported as suspect in the match report. Any front-foot no balls, or deliveries that aren't deemed by the testing team to be of the correct line, length or variation may need to be repeated.
 - 9 During the assessment a slow bowler will be required to bowl a minimum of 6 balls of each delivery variation they usually bowl, or that have been reported as suspect in the match report.
 - 10 All deliveries bowled during the assessment must be bowled with the Player bowling off their full-length run-up, using the normal bowling action at normal match speeds.
 - 11 To ensure compliance, the Appointed Specialist performing the assessment will be provided with match footage of the Player from the match where they were reported which will be used to compare the bowling action from the match to the bowling action during the assessment.
 - 12 The testing team may, at the complete discretion of the Appointed Specialist, include a cricket expert (normally an independent high level umpire, former player or coach) to help them to determine if the Player is faithfully reproducing their match action during the test.
 - 13 A statement on whether or not the Player faithfully reproduced their match day bowling action during the assessment will be included in the written report.
 - 14 Standardised software packages provided by the ICC will be used to analyse the assessment data and produce the results that will be detailed in a written report of the assessment (the Independent Assessment Report).

Note: A Player may be accompanied to the Independent Assessment by one person approved in advance by the ICC. Such person may include a chaperone, a member of the Player's coaching staff or a member of the Player's Home Board support staff. Such person is permitted to observe the analysis but cannot be involved or interfere in any aspect of it.

PRESENTATION OF RESULTS

- 15 The ICC has determined that the amount of elbow extension permitted for a player's bowling action to be deemed to be legal is up to and including 15 degrees. Any elbow hyper-extension and/or abduction/adduction are discounted from the results.
- 16 A standard ICC Report Template will be used to present the Independent Assessment.
- 17 The Independent Assessment Report will be provided to the ICC as soon as reasonably possible and, unless exceptional circumstances exist, at the latest within 10 days of the date on which the Independent Analysis was carried out.
18. The Independent Assessment Report will be reviewed and validated by at least one member of the ICC Panel of Human Movement Specialists who was not involved in any way with the Independent Assessment, before it is released by the ICC to the Player's Home Board.
- 19 The Independent Assessment Report will include the results of each recorded delivery and, based on the 15 degree threshold, will determine if the Player:
 - a) Employed a legal bowling action
 - b) Employed an illegal bowling action
 - c) Employed an illegal bowling action in respect of a specific type(s) of delivery only

RE-ASSESSMENT

- 20 In circumstances where a re-assessment of a Player's action is being performed following a period of suspension from bowling, the same procedure as outlined above shall apply except that the Player will be required to identify, prior to the re-assessment, the specific types of delivery that he wishes to bowl during the re-assessment.
- 21 Only those deliveries recorded as legal deliveries from the re-assessment will be the types of delivery that the Player will be permitted to bowl when he resumes bowling.