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Effect of bio-banding in talent identification in sports for young athletes, a scoping review.

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Effect of bio-banding in talent identification in sports for young athletes.

Identification of talent in youth sports has become a major problem in recent years. Talent identification programmes are intended to discover young talents who have the abililty to succeed in senior or elite sports. Talent identification is important for coaches to ensure success for their academy or club as they would draft young athletes who are more likely to contribute to this goal. Coaches usually have the tendency to select athletes who are better physically built, have more strength or have played more matches. However, this criteria does not always help with talent building for the future. Each club has scouts who go out to games to observe players and then pick them. Scouts in the football industry, make their decision based on the impact a player may have on a particular game or season. Many coaches and scouts who scout talent from the youth or younger players in today's sports are not trained in appropriate talent recognition techniques. Many players who are not matured at a specific chronological age are at a disadvantage because talent recognition is purely dependent on certain factors such as psychology, technical/ tactical, physiological, training, relative age impact, and social climate. To minimize and address these concerns with talent identification, a recent strategy called bio-banding has evolved. Biobanding is a strategy which groups the athletes into a band based on their maturity level rather than considering their chronological age. Bio-banding divide the athlete or group the athlete based on their bilological maturiy statusBio-banding helps in grouping of young athlets within the given chronological age into bands or groups based on their biological maturity statuts, which will help the athelet to play with same maturity level and helped the athlete to show case the talent and leadrship skill in the game. With this concept of biobanding talent or potential of athlete can be identified by conducting the games and sports based on the biological maturity status of athlete.